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METCALF AND EDDY INC BOSTON MASS
WASTEWATER ENGINEERING AND MANAGEMENT PLAN FOR ROSTON HARBOR - -- ETC(U)
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# WASTEWATER ENGINEERING AND MANAGEMENT PLAN



BOSTON HARBOR - EASTERN MASSACHUSETTS METROPOLITAN AREA

FOR

EMMA STUDY.

APPENDIX TO URBAN STORMWATER MANAGEMENT.

ADA 036802

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#### WASTEWATER ENGINEERING AND MANAGEMENT PLAN

FOR

Boston Harbor - Eastern Massachusetts Metropolitan Area EMMA STUDY

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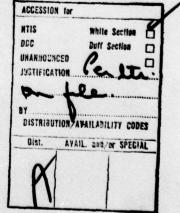
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#### PREFACE

in this appendix is arranged in alphabetical order both by river basin or drainage area, and by community within each area. All data pertains to the design year 2000.

Urban Drainage Area denotes the total urban area of the community that is to be utilized for residential, commercial, and industrial purposes by the year 2000. It also includes open urban land.

Total Storm Runoff Volume is the total volume of stormwater runoff at the point of treatment in million gallons.

Total Stormwater Pollutants are the total pounds of pollutants transported by the storm runoff before treatment. Data is presented for Settleable Solids, Suspended Solids, and 5-day Biochemical Oxygen Demand (BOD).

ing the type of treatment to be employed, the volume of stormwater to be treated in million gallons, and the percent of stormwater that receives treatment in relation to the total stormwater runoff volume. Treatment is indicated as follows:

NT = No treatment is employed

SP = Stormwater is to be stored and pumped to existing waste treatment facilities.

SMD = Stormwater is to be stored and subsequently treated by microstraining and disinfection.

MD = Stormwater is to be treated by high rate microstraining and disinfection.

Pollutant Removals indicates the pounds of Settleable Solids, Suspended Solids, and BOD that are removed by the treatment indicated.

Pollutants Discharged indicates the pounds of Settleable Solids, Suspended Solids, and BOD not removed by treatment which will be discharged to the receiving body.

Average Pollutant Concentrations Before Treatment indicates the average concentrations of Settleable Solids, Suspended Solids and BOD that would be present in the Stormwater Runoff if the pollutants were uniformly concentrated throughout the entire Stormwater Runoff volume.

Average Pollutant Concentrations After Treatment indicates the average concentrations of Settleable Solids, Suspended Solids, and BOD that would be present in the entire Stormwater Runoff Volume after treatment.

Total Capital Cost is the total cost of installing treatment facilities excluding land costs.

Annual O & M Cost is the annual cost of operating and maintaining the treatment facility.

Suspended Solids + BOD<sub>5</sub> Before Treatment is the sum of the two pollutants in pounds before treatment. The pounds of pollutants removed likewise refers to the sum of the two parameters. Percent removed indicates removal on a combined basis.

Capital Cost/% Removal gives a measure of the efficiency of capital spending in achieving a unit of treatment efficiency.

Treatment Cost (¢/1000 gal) represents the capitalized treatment cost for each 1000 gallons of stormwater treated.

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TOWN	ACTON			
HERAN DE	AINAGE AREA			
YEAR		2000		
ACRE		6674		
	ORM RUNOFF VOL.			
	GAL.	254.3		
	ORMWATER POLLUTAN	NTS		
	. SOLIDS, LBS.	3477		
	. SOLIDS, LBS.	40832		
BOD5	18 CO	6000		
	ER TREATMENT			
TREA	T. DESCRIP.		SP	SMD
	ME TREAT., MG		174.3	174.3
% TR	EATED		68.5	68.5
POLLUTAN	T REMOVALS			
SETT	. SOLIDS, LBS.		3303.2	3303.2
	. SOLIDS, LBS.		36748.8	26540.8
BOD5	, LBS.		5100	2400
POLLUTAN	TS DISCHARGED			
SETT	. SOLIDS, LBS.		173.8	173.8
SUSP	. SOLIDS, LBS.		4083.2	14291.2
BOD5	, LBS.		900	3600
AVG. POL	LUTANT CONCENTRA!	TIONS		. 384
BEFO	RE TREATMENT			
	. SOLIDS mg/l		1.6	1.6
	. SOLIDS mg/l		19.2	19.2
BOD5	mg/l		2.8	2.8
	R TREATMENT			ENEW PUBLIC
	. SOLIDS mg/l		0.08	0.08
	. SOLIDS mg/l		1.9	6.7
BOD5	mg/1		0.4	1.7
TOTAL CA	PITAL COST (\$)		3,250,000	6.000.000
	&M COST (\$)		130,000	410,000
AMMORE O	dir Cobi (4)			vect had graving
	LIDS + BOD5			
BEFO	RE TREATMENT, LB	s.	46832	46832
	VED, LBS.		41848.8	28940.8
% RE	MOVED		89.4	61.8
CAPITAL	COSTS/% REMOVAL	(\$)	36,400	97,100
			(3) JAVONOS	AN PORTON LA DESEA
<b>MNN5 M1</b>	m cocm /+/1000	_,_,	8.3	19.8
TREATMEN	T COST (¢/1000 g	ars)	stan opensy	DOAS CHISTOGRAM

TOWN BERLIN			A0.12A
URBAN DRAINAGE AREA YEAR	2000		
ACRES	1610		
TOTAL STORM RUNOFF VOL.	ELECK		
MIL. GAL.	45.5		
TOTAL STORMWATER POLLUTANTS SETT. SOLIDS, LBS.	390		
SUSP. SOLIDS, LBS.	4645		
BOD5	683		
STORMWATER TREATMENT			
TREAT. DESCRIP.		SP	SMD
VOLUME TREAT., MG		31.2 68.6	31.2 68.6
% TREATED		00.0	08.6
POLLUTANT REMOVALS SETT. SOLIDS, LBS.		370.6	370.6
SUSP. SOLIDS, LBS.		4180.5	3019.2
BOD5, LBS.		580.5	273.2
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.		19.4	19.4
SUSP. SOLIDS, LBS.		464.5 102.5	1625.8 409.8
BOD5, LBS. AVG. POLLUTANT CONCENTRATION	NC.	102.5	409.8
BEFORE TREATMENT	SNI		
SETT. SOLIDS mg/l		1.0	1.0
SUSP. SOLIDS mg/1		12.2	12.2
BOD5 mg/l		1.8	1.8
AFTER TREATMENT			
SETT. SOLIDS mg/1		0.05	0.05 4.3
SUSP. SOLIDS mg/1 BOD5 mg/1		0.3	1.1
BOD5 mg/1			
TOTAL CAPITAL COST (\$)		850,000	2,250,000
ANNUAL O&M COST (\$)		23,000	80,000
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.		5328	5328
REMOVED, LBS.		4761	3292.4
% REMOVED		89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)		9,500	36,400
TREATMENT COST (¢/1000 gals	3)	11.0	30.0

TOWN	BOLTON			
URBAN DE	AINAGE AREA			
YEAR		2000		
ACRE		1341		
	TORM RUNOFF VOL.			
	GAL.	41.0		
	CORMWATER POLLUTANTS			
	SOLIDS, LBS.	597		
	SOLIDS, LBS.	7140		
BODS		1051		
	ER TREATMENT	1031		
	T. DESCRIP.		SP	SMD
	ME TREAT., MG		28.1	
			68.5	28.1 68.5
	EATED		08.5	68.5
	T REMOVALS		FC7 2	F
	. SOLIDS, LBS.		567.2	567.2
	. SOLIDS, LBS.		6426	4641
	, LBS.		893.4	420.4
	TS DISCHARGED		20.0	
	S. SOLIDS, LBS.		29.8	29.8
	. SOLIDS, LBS.		714	2499
BOD <sub>5</sub>	, LBS.		157.6	630.6
	LUTANT CONCENTRATION	NS		o more a later
	RE TREATMENT			district and our
	. SOLIDS mg/l		1.7	1.7
	. SOLIDS mg/l		20.9	20.9
BOD5	mg/1		3.1	3.1
	R TREATMENT		40.00	Metastra o king
	. SOLIDS mg/1		0.09	0.09
	. SOLIDS mg/1		2.1	7.3
BOD5	mg/l		0.5	1.8
TOTAL CA	PITAL COST (\$)		760,000	2,150,000
	&M COST (\$)		21,000	70,000
rimoriz o	(4)			,
SUSP. SO	LIDS + BOD5		200	* * ******
	RE TREATMENT, LBS.		8191	8191
REMO	VED, LBS.		7319.4	5061.4
% RE	MOVED		89.4	61.8
CAPITAL	COSTS/% REMOVAL (\$)		8,500	34,800
TREATMEN	T COST (¢/1000 gals	)	11.3	31.5

TOWN	BOXBOROUGH			
URBAN DR	AINAGE AREA			
YEAR		2000		
ACRE		696		
	ORM RUNOFF VOL.			
	GAL.	19.3		
	ORMWATER POLLUTANTS			
	. SOLIDS, LBS.	202		
	SOLIDS, LBS.	2407		
BODs		354		
	ER TREATMENT	334		
			SP	SMD
	T. DESCRIP.		13.3	13.3
	ME TREAT., MG		68.9	68.9
	EATED		00.9	00.9
	T REMOVALS		101 0	101 0
	. SOLIDS, LBS.		191.9	191.9
	. SOLIDS, LBS.		2166.3	
BOD <sub>5</sub>	, LBS.		300.9	141.6
	TS DISCHARGED			
	. SOLIDS, LBS.		10.1	10.1
SUSP	. SOLIDS, LBS.			842.5
	, LBS.		53.1	212.4
	LUTANT CONCENTRATIO	NS		
	RE TREATMENT			
SETI	SOLIDS mg/1		1.3	1.3
SUSP	. SOLIDS mg/1		15.0	
	mg/1		2.2	2.2
AFTE	R TREATMENT			
SETT	. SOLIDS mg/l		0.06	0.06
SUSP	. SOLIDS mg/1		1.5	5.2
	; mg/1		0.3	1.3
TOTAL CA	APITAL COST (\$)		480,000	1,500,000
	&M COST (\$)		10,000	
ANNOAL	AM CODI (4)			
SUSP. SC	DLIDS + BOD5			
BEFC	ORE TREATMENT, LBS.		2761	2761
REMO	OVED, LBS.		2467.2	1706.1
	EMOVED		89.4	61.8
CAPITAL	COSTS/% REMOVAL (\$)		5,400	24,300
TREATMEN	NT COST (¢/1000 gals	, /	13.6	44.6
TIME	oobs (1, soos gass	AND THE REAL PROPERTY.		

TOWN	BOYLSTON	,			
	AINAGE AGEA	2000			
YEAR		291			
ACRES		291			
	ORM RUNOFF VOL.				
MIL.		6.4			
	DRMWATER POLLUTA	NTS			
	SOLIDS, LBS.	48			
SUSP.	SOLIDS, LBS.	574			
BOD5		84			
STORMWATE	ER TREATMENT				
TREAT	. DESCRIP.		NT	SP	SMD
VOLUM	ME TREAT., MG		-	4.4	4.4
% TRE			_	68.8	68.8
	REMOVALS				
	SOLIDS, LBS.		_ 0.00	45.6	45.6
	SOLIDS, LBS.			516.6	373.1
	LBS.			71.4	33.6
DOT TUMANO	rs discharged			promoter and	33.0
			48	2.4	2.4
	SOLIDS, LBS.		574	57.4	200.9
	SOLIDS, LBS.		The state of the s		
	LBS.		84	12.6	50.4
	LUTANT CONCENTRA	TIONS			
	RE TREATMENT				
	. SOLIDS mg/l		0.9	0.9	0.9
SUSP	. SOLIDS mg/l		10.8	10.8	10.8
BOD5	mg/l		1.6	1.6	1.6
AFTE	R TREATMENT				
SETT.	SOLIDS mg/1		0.9	0.04	0.04
	SOLIDS mg/l		10.8	1.1	3.8
BOD5			1.6	0.2	0.9
TOTAL CAR	PITAL COST (\$)		-17	200,000	900,000
	M COST (\$)		-	5,000	10,000
ANNOAL O	m cosi (4)				
cuen cor	LIDS + BOD5				
			658	658	658
	RE TREATMENT, LB	5.	-	588.0	406.7
	VED, LBS.			89.4	61.8
* REI	MOVED			07.4	01.0
CARTMAT	COCME / S DEMOSTAT	/61	(8) LYVON	2,200	14,600
CAPITAL (	COSTS/% REMOVAL	(4)		-,200	24,000
mora myra	T COOM (A/1000 -		faler and	16.5	71.0
TREATMEN.	r COST (¢/1000 g	als)		10.3	12.0

TOWN	CARLISLE				
URBAN DRA	INAGE AREA			Anna and an an a	
YEAR		2000			
ACRES		1309			
	RM RUNOFF VOL.				
MIL.		34.1			
	RMWATER POLLUTANTS	3			
	SOLIDS, LBS.	252			
	SOLIDS, LBS.	3028			
BODs		445			
STORMWATE	R TREATMENT				
TREAT	. DESCRIP.		SP	SMD	
	E TREAT., MG		23.3	23.3	
% TRE			68.3	68.3	
POLLUTANT	REMOVALS				
SETT.	SOLIDS, LBS.		239.4	239.4	
SUSP.	SOLIDS, LBS.		2725.2	1968.2	
BOD5,	LBS.		378.2	178	
POLLUTANT	S DISCHARGED				
SETT.	SOLIDS, LBS.		12.6	12.6	
SUSP.	SOLIDS, LBS.		302.8	1059.8	
BOD5,			66.8	267	
AVG. POLL	UTANT CONCENTRATIO	ONS			
	E TREATMENT			STREET,	
	SOLIDS mg/l		0.9	0.9	
	SOLIDS mg/1		10.6	10.6	
BOD5	mg/l		1.6	1.6	
	TREATMENT			THE WARREN	
	SOLIDS mg/l		0.04	0.04	
	SOLIDS mg/1		0.2	3.7	
BOD5	mg/1		0.2	0.9	
	(4)		700,000	1,950,000	
	ITAL COST (\$) M COST (\$)		18,000	55,000	
ANNUAL OF	M COST (\$)		10,000	33,000	
SUSP. SOL	IDS + BOD5				
	E TREATMENT, LBS.		3473	3473	
	ED, LBS.		3103.4	2146.2	
% REM			89.4	61.8	
CAPITAL C	OSTS/% REMOVAL (\$	)	7,800	31,600	
TREATMENT	COST (¢/1000 gal	s)	11.9	34.0	

TOWN CLINTON			
URBAN DRAINAGE AREA			
	000		
	225		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	5.5		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	40		
SUSP. SOLIDS, LBS.	187		
BOD5	72		
STORMWATER TREATMENT			
TREAT. DESCRIP.	NT	SP	SMD
		3.7	3.7
VOLUME TREAT., MG		67.3	67.3
% TREATED		07.3	01.3
POLLUTANT REMOVALS		20	vertueer.
SETT. SOLIDS, LBS.		38	38
SUSP. SOLIDS, LBS.		438.3	316.6
BOD5, LBS.		61.2	28.8
POLLUTANTS DISCHARGED		EXHIBITO STR	Artident
SETT. SOLIDS, LBS.	40	201,702	2
SUSP. SOLIDS, LBS.	487	48.7	170.4
BOD5, LBS.	72	10.8	43.2
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT			
SETT. SOLIDS mg/1	0.9	0.9	0.9
SUSP. SOLIDS mg/1	10.6	10.6	10.6
BOD5 mg/1	1.6	1.6	1.6
AFTER TREATMENT			
SETT. SOLIDS mg/1	0.9	0.04	0.04
SUSP. SOLIDS mg/1	10.6	1.1	3.7
BOD5 mg/l	1.6	0.2	0.9
20239/ 2			MANUAL STREET
TOTAL CAPITAL COST (\$)		190,000	800.000
ANNUAL OEM COST (\$)		4,000	
ANNORD OUT CODE (V)		.,,,,	20,000
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	559	559	559
	. 4100.333	499.5	345.4
REMOVED, LBS.		89.4	
% REMOVED		09.4	61.8
CAPITAL COSTS/% REMOVAL (\$)	(2) CATOR	2,100	12,900
TREATMENT COST (¢/1000 gals)	Telebo omor	20.4	76.0

TOWN CONCORD		
URBAN DRAINAGE AREA		
YEAR 2000	0	
	•	
TOTAL STORM RUNOFF VOL.		
MIL. GAL. 52.		
TOTAL STORMWATER POLLUTANTS		
SETT. SOLIDS, LBS. 78:		
SUSP. SOLIDS, LBS. 932		
BODs 137:	1	
STORMWATER TREATMENT		
TREAT. DESCRIP.	SP	SMD
VOLUME TREAT., MG	35.9	35.9
% TREATED	68.5	68.5
POLLUTANT REMOVALS		promisional value of the second
SETT. SOLIDS, LBS.	742	742
	8388	6058
SUSP. SOLIDS, LBS.	1165.4	548.4
BOD5, LBS.	1105.4	240.4
POLLUTANTS DISCHARGED	20	
SETT. SÓLIDS, LBS.	39	39
SUSP. SOLIDS, LBS.	932	3262
BOD5, LBS.	205.6	822.6
AVG. POLLUTANT CONCENTRATIONS		
BEFORE TREATMENT		
SETT. SOLIDS mg/1	1.8	1.8
SUSP. SOLIDS mg/1	21.3	21.3
BOD5 mg/l	3.1	3.1
AFTER TREATMENT		
SETT. SOLIDS mg/1	0.09	0.09
SUSP. SOLIDS mg/1	2.1	7.5
BOD5 mg/l	0.5	1.9
2023 mg/ 1		
TOTAL CAPITAL COST (\$)	925,000	2,350,000
ANNUAL OGM COST (\$)	26,000	
ANNUAL OWN COST (\$)	20,000	37,000 Magnata
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.	10691	10691
REMOVED, LBS.	9553.4	6606.4
% REMOVED	89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)	10,300	38,000
TREATMENT COST (¢/1000 gals)	10.8	29.0

TOWN	GRAFTON	,			
TIPPAN DPA	INAGE AREA				
YEAR	INAGE AREA	2000			
ACRES		178			
	RM RUNOFF VOL.				
MIL.		5.5			
	RMWATER POLLUT				
	SOLIDS, LBS.	57			
	SOLIDS, LBS.	681			
	SOLIDS, LBS.	100			
BOD5	R TREATMENT	-00			
	. DESCRIP.		NT	SP	
	E TREAT., MG			3.8	
% TRE				69.1	
POLLUTANT				03.1	
				54.2	
	SOLIDS, LBS.			612.9	
BODs,	SOLIDS, LBS.			85	
	S DISCHARGED			65	
			51	2.8	
	SOLIDS, LBS.		681		
	SOLIDS, LBS.		100		
BOD5,	UTANT CONCENTR	AMTONC	100	1.3	
	E TREATMENT	ATIONS			
	SOLIDS mg/l		1.2	1.2	
	SOLIDS mg/1		14.8		
			2.2		
BOD5	TREATMENT		2.2	2.2	
	SOLIDS mg/1		1.2	0.06	
	SOLIDS mg/1		14.8		
BOD5			2.2		
BOD5	mg/1			0.5	
MOMAT CAD	ITAL COST (\$)		_	190,000	
	M COST (\$)			4,000	
ANNOAL O	M COSI (4)			1,000	
CHED COL	IDS + BOD5				
DEFOR	E TREATMENT, L	DC .	781	781	
	ED, LBS.	ibo.	1000	697.9	
% REM				89.4	
* KEP	OVED				
CAPITAL C	OSTS/% REMOVAL	(S)	(0) az <del>t</del> es	2100	
TREATMENT	COST (¢/1000	gals)	CALLER BOA	20.4	

TOWN HARVARD				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	218			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	4.3			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	36			
SUSP. SOLIDS, LBS.	430			
BOD5	63			
STORMWATER TREATMENT				
TREAT. DESCRIP.		NT	SP	SMD
VOLUME TREAT., MG			3.3	3.3
			76.7	76.7
% TREATED			70.7	70.7
POLLUTANT REMOVALS			34.2	24.2
SETT. SOLIDS, LBS.				34.2 279.5
SUSP. SOLIDS, LBS.				
BOD <sub>5</sub> , LBS.			53.6	25.2
POLLUTANTS DISCHARGED		26		
SETT. SOLIDS, LBS.		36	1.8	
SUSP. SOLIDS, LBS.		430	43	
BOD5, LBS.		63	9.4	37.8
AVG. POLLUTANT CONCENTRATIONS	3			
BEFORE TREATMENT				
SETT. SOLIDS mg/1		1.0		1.0
SUSP. SOLIDS mg/1		12.0	And the second s	12.0
BOD5 mg/l		1.8	1.8	1.8
AFTER TREATMENT			BATALIN SH	
SETT. SOLIDS mg/1		1.0		
SUSP. SOLIDS mg/1		12.0		
BOD5 mg/l		1.8	0.3	1.1
Thomas was				
TOTAL CAPITAL COST (\$)			190,000	
ANNUAL O&M COST (\$)			4,000	9,000
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		493	493	493
REMOVED, LBS.		-		304.7
% REMOVED				61.8
& REMOVED			05.4	01.0
CAPITAL COSTS/% REMOVAL (\$)		(8) Jar-bes	2,100	12,100
TREATMENT COST (¢/1000 gals)		(otas a = 1	22.2	79.5

76.0

TOWN HUDSON			
URBAN DRAINAGE AREA			
YEAR 2000			
ACRES 2970			
TOTAL STORM RUNOFF VOL.			
MIL. GAL. 87.8			
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS. 1074			
SUSP. SOLIDS, LBS. 12788			
BOD5 1880			
STORMWATER TREATMENT			
TREAT. DESCRIP.	SP	SMD	
VOLUME TREAT., MG	60.2	60.2	
% TREATED	68.5	68.5	
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.		1020.3	
SUSP. SOLIDS, LBS.		8312.2	
BOD <sub>5</sub> , LBS.	1598	752	
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.	53.7		
SUSP. SOLIDS, LBS.	1278.8		
BOD5, LBS.	282	1128	
AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT			
SETT. SOLIDS mg/l	1.5	1.5	
SUSP. SOLIDS mg/1	17.5		
BOD5 mg/1	2.6	2.6	
AFTER TREATMENT	2.0	Marie a Ballin Correla	
SETT. SOLIDS mg/1	0.07	0.07	
SUSP. SOLIDS mg/1	1.7		
BOD5 mg/1	0.4	1.5	
20239/ 2			
TOTAL CAPITAL COST (\$)	1,350,000	3,125,000	
ANNUAL O&M COST (\$)		140,000	
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	14668	14668	
REMOVED, LBS.	13107.2		
% REMOVED	89.4	61.8	
CAPITAL COSTS/% REMOVAL (\$)	15,100	50,600	
	0.6	25.0	
TREATMENT COST (¢/1000 gals)	9.6	25.0	

TOWN	LITTLETON			160 (101)
URBAN DRA YEAR ACRES		2000 1234		
	RM RUNOFF VOL.	35.0		
	RMWATER POLLUTANT	S 287		
	SOLIDS, LBS.	3412 502		
STORMWATE	R TREATMENT		SP	SMD
VOLUM % TRE	E TREAT., MG		24.0 68.6	24.0 68.6
SETT.	REMOVALS SOLIDS, LBS.		272.6	272.6
BOD5,	SOLIDS, LBS.		3070.8 426.7	2217.8 200.8
SETT.	S DISCHARGED SOLIDS, LBS.		14.4	14.4 1194.2
BOD5,	SOLIDS, LBS.		341.2 75.3	301.2
BEFOR	LUTANT CONCENTRATI RE TREATMENT	ONS	MICLIANUSE W	
SUSP.	SOLIDS mg/l SOLIDS mg/l		1.0	1.0
	mg/l R TREATMENT		1.7	1.7
	SOLIDS mg/1 SOLIDS mg/1		0.05	4.1
BOD5			0.3	1.0
	PITAL COST (\$) EM COST (\$)		700,000 18,000	1,950,000 55,000
SUSP. SOI	LIDS + BOD5 RE TREATMENT, LBS.		3914	3914
REMOT	VED, LBS.		3497.5	
	COSTS/% REMOVAL (\$		7,800	31,600
CAPITAL	CODID'S KENOVIL (\$		7,000	31,600
TREATMENT	COST (\$/1000 gal	.s)	11.8	33.8

#### STORMWATER MANAGEMENT SUMMARY

ASSABET RIVER BASIN

#### TOWN MARLBOROUGH

URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	1575		
	13/3		
TOTAL STORM RUNOFF VOL.	F0 6		
MIL. GAL.	52.6		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	1081		
	12821		
BODs	1885		
STORMWATER TREATMENT			
TREAT. DESCRIP.		SP	SMD
VOLUME TREAT., MG		36.1	36.1
% TREATED		68.6	
POLLUTANT REMOVALS		- 11	
SETT. SOLIDS, LBS.		1027	1027 8333.6 754
SUSP. SOLIDS, LBS.		11538 9	8333 6
BOD5, LBS.		1602.2	754
		1002.2	734
POLLUTANTS DISCHARGED		54	54
SETT. SOLIDS, LBS.		1202 1	1407.4
SUSP. SOLIDS, LBS.		1282.1	4487.4
BOD5, LBS.		282.8	1131
AVG. POLLUTANT CONCENTRATION	NS		
BEFORE TREATMENT			
SETT. SOLIDS mg/l		2.5	2.5
SUSP. SOLIDS mg/l		29.2	29.2
BOD5 mg/l		4.3	4.3
AFTER TREATMENT			
SETT. SOLIDS mg/l		0.1	0.1
SUSP. SOLIDS mg/1		2.9	10.2
BOD5 mg/l		0.6	2.6
2025 mg/ 1			
TOTAL CAPITAL COST (\$)		925.000	2,350,000
ANNUAL O&M COST (\$)		26,000	
ANNOAL OWN COST (\$)		20,000	03,000
augn got the chan-			
SUSP. SOLIDS + BOD5		14706	14706
BEFORE TREATMENT, LBS.		14/06	14706
SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. REMOVED, LBS.		13141.1	9087.6
% REMOVED		89.4	61.8
		10 200	
CAPITAL COSTS/% REMOVAL (\$)		10,300	38,000
TREATMENT COST (¢/1000 gals	)	10.8	33.9

TOWN	MAYNARD				
URBAN DRA	INAGE AREA				
YEAR		2000			
ACRES		1302			
	ORM RUNOFF VOL.				
MIL.		42.7			
	RMWATER POLLUTANT				
	SOLIDS, LBS.	630			
	SOLIDS, LBS.	7483			
	SOLIDS, LBS.	1100			
BOD <sub>5</sub>	n mpps myrsim	1100			
	R TREATMENT		SP	SMD	
	DESCRIP.		29.2	29.2	
	E TREAT., MG		68.4		
% TRE			68.4	68.4	
	REMOVALS				
	SOLIDS, LBS.		598.5	598.5	
	SOLIDS, LBS.		6734.7		
BOD5,	LBS.		935	440	
POLLUTANT	S DISCHARGED				
SETT.	SOLIDS, LBS.		31.5	31.5	
	SOLIDS, LBS.		748.3	2619	
BODs.	LBS.		165	660	
AVG. POLI	UTANT CONCENTRATI	ONS			
	E TREATMENT				
	SOLIDS mg/1		1.8	1.8	
	SOLIDS mg/1		21.0		
	mg/l		3.1	3.1	
	TREATMENT				
			0.09	0.09	
	SOLIDS mg/l			7.4	
	SOLIDS mg/1		0.5	1.9	
BOD5	mg/l		0.3	4.31 5001	
	ELDENIEL JAN AND		800,000 2	200 000	
	PITAL COST (\$)		22,000 2	75 000	
ANNUAL OF	M COST (\$)		22,000	75,000	
SUSP. SOI	IDS + BOD5				
	E TREATMENT, LBS.		8583	8583	
	ED, LBS.			5304	
% REM			89.4		
* KEP	OVED		89.4	91.8	
CAPITAL C	COSTS/% REMOVAL (	\$)	9,000	35,600	
TREATMENT	COST (¢/1000 gal	Ls)	11.2	31.2	

A STATE OF S

TOWN NORTHBOROUGH		
URBAN DRAINAGE AREA		
YEAR 2000		
ACRES 2606		
TOTAL STORM RUNOFF VOL.		
MIL. GAL. 83.6		
TOTAL STORMWATER POLLUTANTS		
SETT. SOLIDS, LBS. 1324		
SUSP. SOLIDS, LBS. 15762		
BOD <sub>5</sub> 2318		
STORMWATER TREATMENT		
TREAT. DESCRIP.	SP	SMD
VOLUME TREAT., MG	57.3	57.3
% TREATED	68.5	68.5
POLLUTANT REMOVALS		
SETT. SOLIDS, LBS.	1257.8	1257.8
SUSP. SOLIDS, LBS.	14185.8	10245.3
BOD5, LBS.	1970.3	927.2
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	66.2	66.2
SUSP. SOLIDS, LBS.	1576.2	5516.7
BOD5, LBS.	347.7	1390.8
AVG. POLLUTANT CONCENTRATIONS		
BEFORE TREATMENT		
SETT. SOLIDS mg/l	1.9	1.9
SUSP. SOLIDS mg/1	22.6	22.6
BOD <sub>5</sub> mg/l	3.3	3.3
AFTER TREATMENT		
SETT. SOLIDS mg/1	0.09	0.09
SUSP. SOLIDS mg/1	2.3	7.9
BOD <sub>5</sub> mg/1	0.5	2.0
TOTAL CAPITAL COST (\$)	1,200,000	3,050,000
ANNUAL O&M COST (\$)	43,000	135,000
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.	18080	18080
REMOVED, LBS.	16156.1	11172.5
% REMOVED	89.4	61.6
not be our or or		
CAPITAL COSTS/% REMOVAL (\$)	13,400	49,400
TREATMENT COST (¢/1000 gals)	9.7	25.2

TOWN	SHREWSBURY			CHIPMEN
URBAN DRA	AINAGE AREA			
YEAR		2000		
ACRES		1764		
	ORM RUNOFF VOL.			
	GAL.	50.8		
TOTAL STO	DRMWATER POLLUTANT	rs		
	. SOLIDS, LBS.	643		
SUSP	SOLIDS, LBS.	7694		
BOD5		1131		
STORMWATI	ER TREATMENT			
	r. DESCRIP.		SP	SMD
VOLUM	ME TREAT., MG		34.9	34.9
	EATED		68.7	68.7
	r REMOVALS			
	. SOLIDS, LBS.		610.8	610.8
	. SOLIDS, LBS.		6924.6	
	, LBS.		961.4	452.4
	TS DISCHARGED		20.0	20.0
SETT	. SOLIDS, LBS.		32.2 769.4	32.2
SUSP	. SOLIDS, LBS.		169.4	2 <b>69</b> 2.9 678.6
	, LBS.		109.0	6/8.6
	LUTANT CONCENTRAT	IONS		
	RE TREATMENT		1.5	1.5
	. SOLIDS mg/l		18.2	18.2
	. SOLIDS mg/1		2.7	2.7
	mg/l R TREATMENT			
	. SOLIDS mg/1		0.08	0.08
	. SOLIDS mg/1		1.8	
	mg/1		0.4	1.6
5055	mg/ I			
TOTAL CA	PITAL COST (\$)		925,000	2,350,000
	&M COST (\$)		26,000	85,000
SUSP. SO	LIDS + BOD5			
	RE TREATMENT, LBS		8825	8825
REMO'	VED, LBS.		7886	5453.5
% RE	MOVED		89.4	61.8
	/ /		10,300	38,000
CAPITAL	COSTS/% REMOVAL (	9)	20,300	33,000
	/4/3000		10.8	29.0
TREATMEN	T COST (¢/1000 ga	19)		

	C. C				
TOWN	STOW		1		
HERAN DE	INAGE AREA				
YEAR		2000			
ACRES		1816			
	ORM RUNOFF VOL.	-010			
MIL.		49.0			
	RMWATER POLLUTANT	S			
	SOLIDS, LBS.	403			
	SOLIDS, LBS.	4818			
BOD5		708			
STORMWATE	ER TREATMENT				
TREAT	. DESCRIP.		SP	SMD	
VOLUM	ME TREAT., MG		33.6	33.6	
	EATED		68.6	68.6	
	REMOVALS				
	SOLIDS, LBS.		382.8	382.8	
	SOLIDS, LBS.		4336.2	3131.7	
	LBS.		601.8	283.2	
	S DISCHARGED		20.0		
	SOLIDS, LBS.		20.2		
	SOLIDS, LBS.		481.8	1686.3 424.8	
	LBS.	0110	100.2	424.8	
	LUTANT CONCENTRATI	ONS			
	RE TREATMENT SOLIDS mg/1		1.0	1.0	
	SOLIDS mg/1		11.8	11.8	
BOD5			1.7	1.7	
	R TREATMENT				
The state of the s	SOLIDS mg/1		0.05	0.05	
	SOLIDS mg/1		1.2		
BOD5			0.3		
000,001,1	1690 00 k				
TOTAL CAR	PITAL COST (\$)		875,000		
ANNUAL OF	M COST (\$)		2,250,000	80,000	
	LIDS + BOD5		200	PERALET SEAT	
	RE TREATMENT, LBS.		5526	5526	
	ED, LBS.		4938	3414.9	
% REN	OVED		89.4	61.8	
HANKE	WW4.17		9,800	36 400	
CAPITAL C	COSTS/% REMOVAL (\$	)	3,000	36,400	
MDE S MYSSES	GOSM (A/1000	_,	10.8	29.2	
TREATMENT	COST (\$/1000 gal	8)	10.0	43.4	

TOWN SUDBURY			
URBAN DRAINAGE AREA			
YEAR 2000			
ACRES 415			
TOTAL STORM RUNOFF VOL.			
MIL. GAL. 10.8			
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS. 77			
SUSP. SOLIDS, LBS. 922			
BOD5 136			
STORMWATER TREATMENT			
TREAT. DESCRIP.	NT	SP	SMD
VOLUME TREAT., MG	-	7.4	7.4
% TREATED	- //	68.5	
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.	-	73.2	69.3
SUSP. SOLIDS, LBS.	-		599.3
BOD5, LBS.	-	115.6	
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.	77	3.8	7.7
SUSP. SOLIDS, LBS.	922	92.2	322.7
BOD5, LBS.	136	20.4	81.6
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT			
SETT. SOLIDS mg/l	0.9	0.9	0.9
SUSP. SCLIDS mg/1	10.3	10.3	10.3
BOD5 mg/1	1.5	1.5	1.5
AFTER TREATMENT			
SETT. SOLIDS mg/1		0.04	
SUSP. SOLIDS mg/1	10.3		
BOD5 mg/l	1.5	0.2	0.9
TOTAL CAPITAL COST (\$)	•		1,100,000
ANNUAL OEM COST (\$)	(•)	5,000	15,000
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	1058		
REMOVED, LBS.	AND THE	945.4	
% REMOVED	•	89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)	-	2,900	17,800
	THE PROPERTY	15.0	
TREATMENT COST (¢/1000 gals)		15.0	53.3

TOWN	WESTBOROUGH			
URBAN DR	AINAGE AREA	1000		
YEAR		2000		
ACRE		1249		
	ORM RUNOFF VOL.			
	GAL.	49.4		
	ORMWATER POLLUTAN	ITS		
	. SOLIDS, LBS.	839		
	. SOLIDS, LBS.	9901 1456		
BOD <sub>5</sub>		1456		
	ER TREATMENT		SP	SMD
	T. DESCRIP.		33.8	33.8
	ME TREAT., MG		68.4	68.4
	REATED		00.4	00.4
	T REMOVALS		797	797
SETT	. SOLIDS, LBS.		8910.9	
	. SOLIDS, LBS.		1237.6	
	, LBS.		1237.0	302.4
	TS DISCHARGED		42	42
	. SOLIDS, LBS.		990.1	3465.4
	. SOLIDS, LBS.		218.4	873.6
	, LBS.	TONG	210.4	0/3.0
	LUTANT CONCENTRA!	LIONS		
	RE TREATMENT		2.0	2.0
	SOLIDS mg/l		24.0	24.0
	SOLIDS mg/1		3.5	3.5
	mg/l TREATMENT			7.7
	S. SOLIDS mg/1		0.1	0.1
	P. SOLIDS mg/1		2.4	8.4
	mg/l		0.5	2.1
BODS	mg/ I			
TOTAL CA	APITAL COST (\$)		875,000	2,250,000
	AM COST (\$)		25,000	80,000
ANNOAL	JAM COST (4)			
SUSP. SC	DLIDS + BOD5			
BEFC	DRE TREATMENT, LB	s.	11357	11357
	OVED, LBS.		10148.5	7018
	MOVED		89.4	61.8
W. Tellandon				
CAPITAL	COSTS/% REMOVAL	(\$)	9,800	36,400
			10.0	20. 2
TREATMEN	NT COST (\$/1000 g	als)	10.8	29.2

TOWN WESTFORD				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	413			
TOTAL STORM RUNOFF VOL.	10000			
MIL. GAL.	9.8			
TOTAL STORMWATER POLLUTANT				
SETT. SOLIDS, LBS.	115			
SUSP. SOLIDS, LBS.	1383			
BOD5	203			
STORMWATER TREATMENT				
TREAT. DESCRIP.		NT	SP	SMD
VOLUME TREAT., MG			6.7	
% TREATED			68.4	68.4
POLLUTANT REMOVALS			00.4	
SETT. SOLIDS, LBS.			109.2	109.2
SUSP. SOLIDS, LBS.			1244.7	899
BOD5, LBS.		_	172.5	
POLLUTANTS DISCHARGED				
SETT. SOLIDS, LBS.		115	5.8	5.8
SUSP. SOLIDS, LBS.		1383	13803	
BOD5, LBS.		203	30.5	
AVG. POLLUTANT CONCENTRATE	IONS		1.04.05	
BEFORE TREATMENT	6000			
SETT. SOLIDS mg/l		1.4	1.4	1.4
SUSP. SOLIDS mg/l		16.9		
BOD5 mg/l		2.5	2.5	
AFTER TREATMENT				
SETT. SOLIDS mg/1		1.4	0.07	0.07
SUSP. SOLIDS mg/1		16.9	1.7	
BOD5 mg/1		2.5	0.4	1.5
TOTAL CAPITAL COST (\$)		* -	250,000	1,050,000
ANNUAL O&M COST (\$)		19-28	5,000	14,000
19 19 19 19 19 19 19 19 19 19 19 19 19 1				
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS		1586	1586	
REMOVED, LBS.		aat , Haro	1417.2	980.2
% REMOVED		•	89.4	61.8
			LEVERSE	
CAPITAL COSTS/% REMOVAL (	\$)	in Francisco	2,800	17,000
TREATMENT COST (¢/1000 ga	ls)	-	15.2	55.7

#### STORMWATER MANAGEMENT SUMMARY

#### BEVERLY HARBOR

TOWN	BEVERLY	*		
HERAN DE	RAINAGE AREA			
YEAR		2000		
ACRI		3669		
	FORM RUNOFF VOL.			
		100 0		
MOMAT CO	. GAL. FORMWATER POLLUT F. SOLIDS, LBS.	2 NMC		
TOTAL ST	COLIDS IDS	1707		
		20297		
	SOLIDS, LBS.	2984		
BOD		2304		
	TER TREATMENT	SP	SMD	MD
	AT. DESCRIP.	82.4	82.4	82.4
	JME TREAT., MG	68.6	68.6	68.6
	REATED	00.0	00.0	00.0
	NT REMOVALS	1621.6	1621.6	1536.3
	. SOLIDS, LBS.	18267.3	13193	9133.6
	P. SOLIDS, LBS.	2536.4	1193.6	596.8
BOD	, LBS.	2536.4	1193.0	396.8
	TS DISCHARGED	85.4	85.4	170.7
	r. SOLIDS, LBS.	2029.7	7104	
	P. SOLIDS, LBS.	447.6		
	, LBS.		1790.4	2387.2
	LLUTANT CONCENTR	ATIONS		
	ORE TREATMENT	1.7	1.7	
	r. SOLIDS mg/l	20.2	20.2	1.7
	. SOLIDS mg/1	3.0		20.2
	5 mg/1	3.0	3.0	3.0
	ER TREATMENT	0.8		
	r. SOLIDS mg/l	2.0	0.8 7.1	0.2
	P. SOLIDS mg/1	0.4		11.1
BOD	5 mg/1	0.4	1.8	2.4
	APITAL COST (\$)	1,745,000	3,750,000	12,000,000
ANNUAL C	O&M COST (\$)	62,000	195,000	600,000
SUSP. SC	DLIDS + BOD5			
	ORE TREATMENT, L	BS. 23,281	23,281	23,281
	OVED, LBS.	20,803.7	14386.6	9730.4
	EMOVED	89.4	61.8	41.8
CAPITAL	COSTS/% REMOVAL	(\$) 19,500	60,700	287,000
TREATMEN	NT COST (¢/1000	gals) 9.0	23.1	73.8
		3	Atom of a think of the	,,,,

# STORMWATER MANAGEMENT SUMMARY BEVERLY HARBOR

TOWN	DANVERS			
URBAN DRA	AINAGE AREA			
YEAR		2000		
ACRES		4323		
	ORM RUNOFF VOL.			
MIL.		142.6		
	ORMWATER POLLUTANT			
	SOLIDS, LBS.	2329		
	SOLIDS, LBS.	27723		
BOD5	SOLIDO, LDS.	4077		
	ER TREATMENT			
	DESCRIP.	SP	SMD	MD
	ME TREAT., MG	97.5	97.5	97.5
% TRE		68.5	68.5	
	REMOVALS		00.0	TO THE PARTY OF TH
	SOLIDS, LBS.	2212.5	2212.5	2096.1
	SOLIDS, LBS.	24950.7	18020	12475.4
		3465.5	1630.8	815.4
BOD5,	LBS.	3403.3	1030.0	023.4
	TS DISCHARGED	116.5	116.5	232.9
	SOLIDS, LBS.	2772.3		
	SOLIDS, LBS.	611.5		3591.6
	LBS.		2440.2	3391.0
	LUTANT CONCENTRATI	ONS		Hedate
	RE TREATMENT	2.0	2.0	2.0
	SOLIDS mg/l	23.9	23.9	23.9
	SOLIDS mg/l	3.5	3.5	3.5
	mg/l	3.3		3.3
	R TREATMENT	0.1	0.1	0.2
	SOLIDS mg/l	2.3	8.2	12.8
	SOLIDS mg/l	0.5	2.1	
BOD5	mg/1	0.5	2.1	3.0
TOTAL CAP	PITAL COST (\$)	1,950,000	4.125.000	14,000,000
	M COST (\$)	72,000		
	(4)	,_,	250,000	700,000
SUSP. SOI	LIDS + BOD5			
	RE TREATMENT, LBS.	31800	31800	31800
	VED, LBS.	28416.2	19650.8	13290.8
	MOVED	89.4	61.8	41.8
CAPITAL (	COSTS/% REMOVAL (\$	21,800	66,700	335,000
TREATMENT	r COST (¢/1000 gal	s) 8.8	22.2	73.5
	, , , , , , , , , , , , , , , , , , , ,			

#### STORMWATER MANAGEMENT SUMMARY

#### BEVERLY HARBOR

TOWN	LYNN			
URBAN DRA	INAGE ARE	A	2222	
YEAR			2000	
ACRES			44	
TOTAL STO		VOL.	1.0	
MIL. (			1.0	
TOTAL STOP			TS	
SETT.	SOLIDS,	LBS.	10	
	SOLIDS, 1	LBS.	119	
BOD <sub>5</sub>			17	
STORMWATE				
	. DESCRIP			ГИ
	E TREAT.,	MG		
% TREA				-
POLLUTANT				***
SETT.	SOLIDS, I	LBS.		-
SUSP.	SOLIDS,	LBS.		
BOD5,	LBS.			-
POLLUTANTS				
	SOLIDS, 1			10
SUSP.	SOLIDS, 1	LBS.		119
BOD5,	LBS.			17
AVG. POLLU	JTANT CON	CENTRAT	IONS	
BEFORE	E TREATME	T		
	SOLIDS me			1.2
SUSP.	SOLIDS me	7/1		14.3
BOD5 r	ng/1	. 1		2.0
	TREATMEN'	r		
SETT.	SOLIDS me	7/1		1.2
	SOLIDS me			14.3
BOD5 r				2.0
TOTAL CAP	TAL COST	(\$)		-
ANNUAL O&M	COST (\$	)		-
SUSP. SOL	IDS + BOD	,		
BEFORE	TREATME	NT, LBS		136
REMOVE	ED, LBS.			-
% REMO				-
CAPITAL CO	OSTS/% REI	MOVAL (	\$)	380
				-
TREATMENT	COST (¢/	1000 ga	ls)	

TOWN	LYNNFIELD	
HIDRAN DE	AINAGE AREA	
YEAR		2000
ACRES		46
	ORM RUNOFF VOL.	
MIL.		1.1
	ORMWATER POLLUTAN	
SHED	SOLIDS, LBS.	75
BOD5	SOLIDS, LBS.	ii
	ER TREATMENT	
	r. DESCRIP.	NT
VOLUM	ME TREAT., MG	Crist -
	EATED	
	T REMOVALS	
	. SOLIDS, LBS.	
SUSP	. SOLIDS, LBS.	
BODs	LBS.	
POLLUTAN	rs DISCHARGED	
	. SOLIDS, LBS.	6
	. SOLIDS, LBS.	75
	, LBS.	11
AVG. POLI	LUTANT CONCENTRAT	TIONS
BEFOI	RE TREATMENT	
SETT	. SOLIDS mg/l	0.7
SUSP	. SOLIDS mg/l	8.2
	mg/l	1.2
	R TREATMENT	
SETT	. SOLIDS mg/l	0.7
SUSP	. SOLIDS mg/1	8.2
BOD5	mg/l	1.2
TOTAL CAL	PITAL COST (\$)	
	&M COST (\$)	
SUSP. SO	LIDS + BOD5	
BEFO	RE TREATMENT, LB	s. 86
	VED, LBS.	
	MOVED	**************************************
CAPITAL.	COSTS/% REMOVAL	(\$)
CALITAD	CODIO, C MENOVILL	
TREATMEN	T COST (¢/1000 g	als) (Flore Week, To

TOWN PEABODY			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	4660		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	171.7		
TOTAL STORMWATER POLLUTANT			
SETT. SOLIDS, LBS.	3457		
SUSP. SOLIDS, LBS.	41005		
이 이 집에 가는 사람이 아니는 사람이 그들이 아니는 것이 아니는 것이 되었다. 그는 사람이 되었다면 하는 것이 되었다면 하는데 없다면	6028		
BOD <sub>5</sub> STORMWATER TREATMENT	0028		
	an.		
TREAT. DESCRIP.	SP	SMD	17 To 18 To
VOLUME TREAT., MG	117.8		
% TREATED	68.6	68.6	68.6
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.	3284.2	3284.2	3111.3
SUSP. SOLIDS, LBS.	36904.5	26653.3	18452.2
BOD5, LBS.	5123.8	2411.2	1205.6
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.	172.8	172.8	345.7
SUSP. SOLIDS, LBS.	4100.5		
BOD5, LBS.	904.2	3616.8	4822.4
AVG. POLLUTANT CONCENTRAT		BELLEVIE THE EVELVE	
BEFORE TREATMENT			
SETT. SOLIDS mg/l	2.5	2.5	2.5
SUSP. SOLIDS mg/1	29.6		
BOD5 mg/l	4.2	4.2	4.2
AFTER TREATMENT	4.2		4.2
SETT. SOLIDS mg/l	0.1	0.1	0.2
	2.9		15.7
SUSP. SOLIDS mg/1			
BOD5 mg/1	0.6	2.5	3.4
The state of the s	2 225 222	4 675 000	17 000 000
TOTAL CAPITAL COST (\$)		4,675,000	
ANNUAL O&M COST (\$)	87,000	275,000	850,000
SUSP. SOLIDS + BOD5		3000 1 00000	18 - 98 19
BEFORE TREATMENT, LBS			
REMOVED, LBS.	42028.3		
% REMOVED	89.4	61.8	41.8
CAPITAL COSTS/% REMOVAL (	\$) 26,000	75,600	407,000
TREATMENT COST (¢/1000 ga	ls) 8.5	21.3	73.1

TOWN	SALEM			
URBAN D	RAINAGE AREA			
YEA		2000		
ACR		855		
	TORM RUNOFF VOL.			
	. GAL.	28.7		
	TORMWATER POLLUTAN			
	T. SOLIDS, LBS.	651		
SUS	P. SOLIDS, LBS.			
BOD		1141		
	TER TREATMENT			
	AT. DESCRIP.		SP	SMD
	UME TREAT., MG		19.7	19.7
	REATED		68.6	68.6
	NT REMOVALS			
	T. SOLIDS, LBS.	6	18.5	618.5
SIIS	P. SOLIDS, LBS.		82.2	5042.7
	5, LBS.		69.8	456.4
	NTS DISCHARGED			130
	T. SOLIDS, LBS.		32.5	32.5
CIIC	P. SOLIDS, LBS.	7	75.8	2715.3
	5, LBS.		71.2	684.6
	LLUTANT CONCENTRAT			
	ORE TREATMENT	TONS		
	T. SOLIDS mg/1		2.7	2.7
	P. SOLIDS mg/1		32.4	32.4
	5 mg/1		4.8	4.8
	ER TREATMENT			
	T. SOLIDS mg/1		0.1	0.1
	P. SOLIDS mg/1		3.2	
	5 mg/l		0.7	
БОВ	2 119/1			was the state of
TOTAL C	APITAL COST (\$)	625	,000	1,800,000
	O&M COST (\$)		,000	45,000
AMMOND	Oan Cost (4)			
SIISD S	OLIDS + BOD5			
BEE.	ORE TREATMENT, LBS		8899	8899
	OVED, LBS.	YOU A STREET	7952	5499.1
	EMOVED.		89.4	61.8
	EFICVED			
CAPITAL	COSTS/% REMOVAL (	\$) 6	,700	29,100
MDE 3 MME	NT COST (¢/1000 ga	1-1	12.4	36.7
TREATME	NI COST (4/1000 ga	IS)		

TOWN	WENHAM	
URBAN DRA	INAGE AREA	
ACRES		
	ORM RUNOFF VOL.	
MIL.	GAL. 0.2	
TOTAL STO	RMWATER POLLUTANTS	
SETT.	SOLIDS, LBS. 2	
	SOLIDS, LBS. 19	
BOD <sub>5</sub>	3	
	R TREATMENT	
TREAT	DESCRIP. TREAT., MG	NT
% TRE		
	REMOVALS	
CEUT	SOLIDS, LBS.	_
SUSP.	SOLIDS, LBS.	
	LBS.	-
POLLUTANT	S DISCHARGED	
SETT.	SOLIDS, LBS.	2
SUSP.	SOLIDS, LBS.	19
BOD5,	LBS.	3
	LUTANT CONCENTRATIONS	
	RE TREATMENT	
	SOLIDS mg/1	1.2
	SOLIDS mg/1	11.4
	mg/l R TREATMENT	1.8
	SOLIDS mg/l	1.2
	SOLIDS mg/1	11.4
BOD5		1.8
2025	9/ -	
TOTAL CAP	PITAL COST (\$)	-
ANNUAL OF	M COST (\$)	-
SUSP. SOI	LIDS + BOD5	
	RE TREATMENT, LBS.	21
	ED, LBS.	
* REN	MOVED	
CAPITAL C	COSTS/% REMOVAL (\$)	A) JAVO

TREATMENT COST (¢/1000 gals)

TOWN BELLINGHAM		NYRMAN N
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	1510	
TOTAL STORM RUNOFF VOL.	1310	
MIL. GAL.	50.0	
	30.0	
TOTAL STORMWATER POLLUTANTS	706	
SETT. SOLIDS, LBS.	8364	
SUSP. SOLIDS, LBS.	1230	
BOD <sub>5</sub>	1230	
STORMWATER TREATMENT		
TREAT. DESCRIP.	SP	SMD
VOLUME TREAT., MG	34.3	
% TREATED	68.6	68.6
POLLUTANT REMOVALS		
SETT. SOLIDS, LBS.	670.7	
SUSP. SOLIDS, LBS.	7527.6	
BOD5, LBS.	1045.5	492
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	35.3	35.3
SUSP. SOLIDS, LBS.	836.4	2927.4
BOD5, LBS.	184.5	738
AVG. POLLUTANT CONCENTRATIONS		
BEFORE TREATMENT		
SETT. SOLIDS mg/l	1.7	1.7
SUSP. SOLIDS mg/1	20.1	20.1
BOD5 mg/1	2.9	2.9
AFTER TREATMENT		ar room about
	0.08	0.08
SETT. SOLIDS mg/l	2.0	
SUSP. SOLIDS mg/l	0.4	
BOD5 mg/1	V. T	7 / 3/10 - 1 / 1/10 / 1/10 / 10 / 10 / 10 / 1
momes depress doom (6)	875.000	2,250,000
TOTAL CAPITAL COST (\$)		80,000
ANNUAL O&M COST (\$)	23,000	00,000
SUSP. SOLIDS + BOD5	9594	9594
BEFORE TREATMENT, LBS.	8573.1	
REMOVED, LBS.	89.4	61.8
% REMOVED	07.4	01.0
	9,800	36,400
CAPITAL COSTS/% REMOVAL (\$)	3,000	30,400
	10.8	29.2
TREATMENT COST (¢/1000 gals)	10.8	29.2

TOWN	FRANKLIN		
HIDDAN DD	AINAGE AREA		
YEAR		2000	
ACRE		93	
	ORM RUNOFF VOL.		
	GAL.	2.1	
	ORMWATER POLLUTANTS		
		24	
SETT	. SOLIDS, LBS.	292	
	. SOLIDS, LBS.	43	
BOD <sub>5</sub>			
	ER TREATMENT		NT
	T. DESCRIP. ME TREAT., MG		
			_
& TR	EATED		_
POLLUTAN	T REMOVALS		_
SETT	. SOLIDS, LBS.		_
SUSP	. SOLIDS, LBS.		_ 4
BOD <sub>5</sub>	, LBS.		
POLLUTAN	TS DISCHARGED		24
SETT	. SOLIDS, LBS.		292
	. SOLIDS, LBS.		43
BOD <sub>5</sub>	, LBS.		
	LUTANT CONCENTRATIONS	5	
	RE TREATMENT		1.4
SETT	. SOLIDS mg/l		16.7
	. SOLIDS mg/1		2.5
BOD5	mg/1		2.5
	R TREATMENT		1.4
	. SOLIDS mg/l		16.7
	. SOLIDS mg/1		2.5
BOD5	mg/1		2.5
TOTAL CA	PITAL COST (\$)		-
	&M COST (\$)		-
ANNOAL C	AM COSI (\$)		
SUSP. SC	LIDS + BOD5		225
BEFC	RE TREATMENT, LBS.		335
	VED, LBS.		
	MOVED		
CAPITAL	COSTS/% REMOVAL (\$)		181 183
TREATMEN	TT COST (¢/1000 gals)		

TOWN HOPKINTON				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	378			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	9.6			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	96			
SUSP. SOLIDS, LBS.	1154			
BOD5	170			
STORMWATER TREATMENT				
TREAT. DESCRIP.		NT	SP	SMD
VOLUME TREAT., MG		- 70	6.6	6.6
% TREATED		_	68.8	68.8
POLLUTANT REMOVALS				
SETT. SOLIDS, LBS.		-	91.2	91.2
SUSP. SOLIDS, LBS.		-	1038.6	750.1
BOD5, LBS.		-	144.5	68
POLLUTANTS DISCHARGED				
SETT. SOLIDS, LBS.		96	4.8	4.8
SUSP. SOLIDS, LBS.		1154		403.9
BOD5, LBS.		170	25.5	102
AVG. POLLUTANT CONCENTRATIONS				
BEFORE TREATMENT				
SETT. SOLIDS mg/l		1.2	1.2	1.2
SUSP. SOLIDS mg/1		14.4	14.4	14.4
BOD5 mg/l		2.1	2.1	2.1
AFTER TREATMENT				
SETT. SOLIDS mg/1		1.2	0.06	0.06
SUSP. SOLIDS mg/1		14.4	1.4	
BOD5 mg/1		2.1	0.3	1.3
BOD5 mg/1				
TOTAL CAPITAL COST (\$)			250,000	1,050,000
ANNUAL OSM COST (\$)			5,000	14,000
ANNUAL DAM COST (\$)				
CUCD COLIDS + BOD-				
SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS.		1324	1324	
		1324	1183.1	818.1
REMOVED, LBS.			89.4	
% REMOVED			03.4	01.0
CAPITAL COSTS/% REMOVAL (\$)		(2) 2.70	2800	17,000
TREATMENT COST (¢/1000 gals)		elap =ce	15.2	56.5

TOWN	MILFORD		
HIDDAN DDA	INAGE AREA		
YEAR	INAGE AREA	2000	
ACRES		116	
	RM RUNOFF VOL.		
MIL.		3.1	
	RMWATER POLLUTANTS		
		31	
SETT.	SOLIDS, LBS.	369	
	SOLIDS, LBS.	54	
BOD5	R TREATMENT		
	. DESCRIP.		NT
	E TREAT., MG		-
% TRE			-
	REMOVALS		
			-
	SOLIDS, LBS.		-
SUSP.	SOLIDS, LBS.		
BOD5,			
	S DISCHARGED		31
SETT.	SOLIDS, LBS.		369
	SOLIDS, LBS.		54
	LBS.		
AVG. POLL	UTANT CONCENTRATIONS E TREATMENT		
			1.2
SETT.	SOLIDS mg/l		14.3
	SOLIDS mg/1		2.1
BOD5			
	TREATMENT		1.2
SETT.	SOLIDS mg/l SOLIDS mg/l		14.3
			2.1
BOD5	mg/I		
MOMAT CAR	ITAL COST (\$)		-
	M COST (\$)		
ANNUAL OF	m COST (\$)		
CUCD COL	TDC + BOD-		
SUSP. SUL	IDS + BOD5 E TREATMENT, LBS.		423
	ED, LBS.		-
% REM			-
* REM	OVED		
CAPITAL C	OSTS/% REMOVAL (\$)		0109
		•	
TREATMENT	COST (¢/1000 gals)		eates

TOWN	WESTBOROUGH		
HERAN DEA	INAGE AREA		
YEAR	THE THE PARTY OF T	2000	
ACRES		12	
	RM RUNOFF VOL.		
MIL.		0.2	
	RMWATER POLLUTANTS		
	SOLIDS, LBS.	2	
	SOLIDS, LBS.	30	
BOD <sub>5</sub>		4	
	R TREATMENT		
	. DESCRIP.		NT
	E TREAT., MG		
% TRE			
	REMOVALS		
SETT.	SOLIDS, LBS.		
SUSP.	SOLIDS, LBS.		
BOD5,			
	S DISCHARGED		2
SETT.	SOLIDS, LBS.		30
BOD5,			4
AVG POLL	UTANT CONCENTRATIONS	a sin ribere	
	E TREATMENT		
	SOLIDS mg/l		1.2
SUSP.	SOLIDS mg/1		18.0
BOD5	mg/l		2.4
AFTER	TREATMENT		
SETT.	SOLIDS mg/1		1.2
	SOLIDS mg/1		18.0
BOD5	mg/1		2.4
TOTAL CAP	ITAL COST (\$)		an Trans
	M COST (\$)		183
SUSP. SOL	IDS + BOD5		A CANADA
BEFOR	E TREATMENT, LBS.		34
REMOV	ED, LBS.		To a
% REM			•
CAPITAL C	OSTS/% REMOVAL (\$)		/OASSA
TREATMENT	COST (¢/1000 gals)		-

TOWN	WRENTHAM		
URBAN DRA	AINAGE AREA		
YEAR		2000	
ACRES		364	
	ORM RUNOFF VOL.	TOTAL CONTRACTOR	
MIL.		11.9	
	RMWATER POLLUTANTS	Simple arther e	
		168	
SETT.	SOLIDS, LBS.	1995	
	SOLIDS, LBS.	293	
BOD <sub>5</sub>		293	
	ER TREATMENT		
	DESCRIP.		SP SMD
VOLUM	ME TREAT., MG	8.	
	EATED	68.	.9 68.9
POLLUTANT	REMOVALS		
SETT.	SOLIDS, LBS.		6 159.6
SUSP.	SOLIDS, LBS.	1795.	5 1296.7
BODs.	LBS.	24	19 117.2
POLLUTANT	S DISCHARGED		
	SOLIDS, LBS.	8.	.4 8.8
	SOLIDS, LBS.	199	.5 698.3
	LBS.		14 175.8
AVG POLI	UTANT CONCENTRATION	· pharmanus	
	E TREATMENT		
	SOLIDS mg/l	1.	.7 1.7
	SOLIDS mg/1		1 20.1
			0 3.0
BOD5	mg/1		
	TREATMENT	0	.08 0.08
	SOLIDS mg/1		.0 7.0
	SOLIDS mg/1		.4 1.8
BOD5	mg/l	•	. 4
		200 00	00 1,200,000
	PITAL COST (\$)		18,000
ANNUAL OF	M COST (\$)	6,00	10,000
SUSP. SOL	IDS + BOD5		2000
	E TREATMENT, LBS.		88 2288
REMOV	ED, LBS.	2044	
% REM	IOVED	89	.4 61.8
CAPITAL C	COSTS/% REMOVAL (\$)	(\$) 320	19,400
TREATMENT	COST (¢/1000 gals)	(sine 14	.3 52.9

The state of the s

TOWN	ARLINGTON		
URBAN D	RAINAGE AREA		
YEA		2000	
ACR		140	
	TORM RUNOFF VOL.	The second desired	
	. GAL.	4.4	
	TORMWATER POLLUTANTS	prinsippor months to	
The same of the sa	T. SOLIDS, LBS.	77	
	P. SOLIDS, LBS.	920	
BOD		135	
	TER TREATMENT	7577163	
	AT. DESCRIP.	SP	NT
VOL	UME TREAT., MG	3.0	•
* T	REATED	68.2	
POLLUTA	NT REMOVALS		
SET	T. SOLIDS, LBS.	73.2	17.202 - 17.03m
SUS	P. SOLIDS, LBS.	828.0	nitre - caus
BOD	5, LBS.	114.8	THE THOU
	NTS DISCHARGED		
SET	T. SOLIDS, LBS.	3.8	77
sus	P. SOLIDS, LBS.	92.0	920
BOD	5, LBS.	20.2	135
	LLUTANT CONCENTRATIONS		
	ORE TREATMENT		
	T. SOLIDS mg/l	2.1	2.1
	P. SOLIDS mg/1	25.0	25.0
	5 mg/l	3.7	3.7
	ER TREATMENT		MARKE HISTORY
	T. SOLIDS mg/l	0.1	2.1
	P. SOLIDS mg/l	2.5	25.0
BOD	5 mg/l	0.6	3.7
TOTAL C	APITAL COST (\$)	160,000	S CARRENO SA
ANNUAL	OEM COST (\$)	3,000	OAL GEN COST
SIISP S	OLIDS + BOD5		
BEF	ORE TREATMENT, LBS.	1055	1055
	OVED, LBS.	942.8	The state of the state of
	EMOVED	89.4	ctevc=sa a
CAPITAL	COSTS/% REMOVAL (\$)	1,800	rater date
TREATME	NT COST (¢/1000 gals)	20.1	THOSE THEATS

TOWN ASHLAND			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	121		
TOTAL STORM RUNOFF VOL.	3.0		
MIL. GAL.	3.0		
TOTAL STORMWATER POLLUTANTS	28		
SETT. SOLIDS, LBS.			
SUSP. SOLIDS, LBS.	342		
BOD5	50		
STORMWATER TREATMENT			
TREAT. DESCRIP.		NT	SP
VOLUME TREAT., MG		-	2.1
% TREATED			70.0
POLLUTANT REMOVALS			
		2,120	26.6
SETT. SOLIDS, LBS.		364	307.8
SUSP. SOLIDS, LBS.			42.5
BOD5, LBS.			72.5
POLLUTANTS DISCHARGED		28	1.4
SETT. SOLIDS, LBS.		A STATE OF THE PARTY OF THE PAR	
SUSP. SOLIDS, LBS.		342	34.2
BOD5, LBS.		50	7.5
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT			
SETT. SOLIDS mg/1		1.1	1.1
SUSP. SOLIDS mg/1		13.7	13.7
		2.0	2.0
BOD5 mg/l			1\0m s0s
AFTER TREATMENT		1.1	0.06
SETT. SOLIDS mg/1		13.7	1.4
SUSP. SOLIDS mg/1		2.0	0.3
BOD5 mg/l		2.0	0.3
			125,000
TOTAL CAPITAL COST (\$)		I I I I I I I I I I I I I I I I I I I	
ANNUAL OEM COST (\$)			3,000
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.		392	392
REMOVED, LBS.			350.3
* REMOVED		- L28	89.4
* REMOVED			
CAPITAL COSTS/% REMOVAL (\$)			1,400
CAPITAL COSTS/ & REMOVAL (3)			TETRODO LA
			23.7
TREATMENT COST (¢/1000 gals)			URDO THER

TOWN	BELLINGHAM			
URBAN DR	AINAGE AREA			
YEAR		2000		
ACRES		1274		
	ORM RUNOFF VOL.			
	GAL.	39.8		
	ORMWATER POLLUTANTS	37.0		
	. SOLIDS, LBS.	518		
CHED	. SOLIDS, LBS.	6121		
BOD5		900		
	ER TREATMENT	300		
	r. DESCRIP.		SP	SMD
	ME TREAT., MG		27.3	27.3
	EATED		68.6	68.6
	r REMOVALS		00.0	00.0
			492.1	492.1
	. SOLIDS, LBS.		5508.9	
	. SOLIDS, LBS.		765.0	360.0
	, LBS.		765.0	360.0
	TS DISCHARGED		25.0	25.9
	. SOLIDS, LBS.		25.9	2142.3
	. SOLIDS, LBS.		612.1	540
BODS	, LBS.		135	540
	LUTANT CONCENTRATIONS			
	RE TREATMENT			
	. SOLIDS mg/l		1.6	1.6
	. SOLIDS mg/l		18.4	18.4
	mg/1		2.7	2.7
	R TREATMENT			0.00
	. SOLIDS mg/l		0.08	
	. SOLIDS mg/l		1.8	6.5
BOD5	mg/1		0.4	1.6
TOTAL CAL	PITAL COST (\$)		750.000	2,000,000
	EM COST (\$)		20,000	70,000
Autoria o	an cobi (4)			
SUSP. SO	LIDS + BOD5			
BEFO	RE TREATMENT, LBS.		7021	7021
	VED, LBS.		6273.9	4338.7
	MOVED		89.4	61.8
CAPITAL (	COSTS/% REMOVAL (\$)		8,400	32,400
TREATMEN	T COST (¢/1000 gals)		11.2	32.4

TOWN BELMONT				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	832			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	27.3			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	538			
SUSP. SOLIDS, LBS.	6414			
BOD5	943			
STORMWATER TREATMENT				
TREAT. DESCRIP.		SP	SMD	MD
VOLUME TREAT., MG		18.7	18.7	18.7
% TREATED		68.5	68.5	68.5
POLLUTANT REMOVALS				
SETT. SOLIDS, LBS.		511.1		484.2
SUSP. SOLIDS, LBS.		5772.6		2886.3
BOD5, LBS.		801.5	377.2	188.6
POLLUTANTS DISCHARGED				
SETT. SOLIDS, LBS.		26.9		53.8
SUSP. SOLIDS, LBS.		641.4		3527.7
BOD5, LBS.		141.5	565.8	759.4
AVG. POLLUTANT CONCENTRATIONS	3			
BEFORE TREATMENT			THE STATE OF STATE OF	TANDER OF
SETT. SOLIDS mg/l		2.4	2.4	2.4
SUSP. SOLIDS mg/l		28.2	28.2	28.2
BOD <sub>5</sub> mg/l		4.1	4.1	4.1
AFTER TREATMENT			PRODUCT KIND OF	
SETT. SOLIDS mg/1		0.1	0.1	0.2
SUSP. SOLIDS mg/1		2.8	9.9	15.5
BOD5 mg/1		0.6	2.5	3.3
TOTAL CAPITAL COST (\$)		525,000	1,700,000	3,000,000
ANNUAL O&M COST (\$)		13,000		
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		7367	THE R. P. LEWIS CO., LANSING MICH. LANSING MICH.	
REMOVED, LBS.		6574.1	4546.3	3074.9
% REMOVED		89.4	61.8	41.8
CAPITAL COSTS/% REMOVAL (\$)		5,600	27,500	72,000
MREAMMENT COCK (4/10001-)		11.2	36.0	80.5
TREATMENT COST (¢/1000 gals)		Cafeb 001	30.0	00.5

TOWN DEDHAM			TROKITIS.	
URBAN DRAINAGE AREA YEAR	2000			
ACRES	2144			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	70.0			
TOTAL STORMWATER POLLUTANTS	1066			
SETT. SOLIDS, LBS.	12668			
SUSP. SOLIDS, LBS.	1863			
BOD5 STORMWATER TREATMENT				
TREAT. DESCRIP.		SP	SMD	MD
VOLUME TREAT., MG		47.9		47.9
% TREATED		68.4	68.4	68.4
POLLUTANT REMOVALS				
SETT. SOLIDS, LBS.		1012.7		
SUSP. SOLIDS, LBS.		11401.2 1583.6		5700.6 372.6
BOD <sub>5</sub> , LBS.		1583.6	745.2	3/2.6
POLLUTANTS DISCHARGED		F2 2	52.2	106 6
SETT. SOLIDS, LBS.		53.3	53.3 4433.8	106.6 6967.4
SUSP. SOLIDS, LBS.		279.4		
BOD5, LBS. AVG. POLLUTANT CONCENTRATION		219.4	1117.0	1490.4
BEFORE TREATMENT	5			
SETT. SOLIDS mg/l		1.8	1.8	1.8
SUSP. SOLIDS mg/1		21.7	21.7	21.7
BOD5 mg/l		3.2	3.2	3.2
AFTER TREATMENT				
SETT. SOLIDS mg/l			0.09	
SUSP. SOLIDS mg/1		2.2		
BOD <sub>5</sub> mg/l		0.5	1.9	2.6
TOTAL CAPITAL COST (\$)	1	,125,000	2.650.000	7,000,000
ANNUAL OWN COST (\$)			110,000	350,000
ANNOAD OWN COST (4)				
SUSP. SOLIDS + BOD5			250t + 8011	ma . Saga
BEFORE TREATMENT, LBS.			14531	
REMOVED, LBS.			8979.4	
% REMOVED		89.4	61.8	41.8
CAPITAL COSTS/% REMOVAL (\$)		12,600	42,900	168,000
TREATMENT COST (¢/1000 gals)		9.8	25.9	73.3

TOWN DOVER		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	2703	
TOTAL STORM RUNOFF VOL.	2,03	
MIL. GAL.	72.4	
TOTAL STORMWATER POLLUTANTS	72.4	
	546	
SETT. SOLIDS, LBS.	6535	
SUSP. SOLIDS, LBS.	961	
BOD <sub>5</sub>	901	
STORMWATER TREATMENT	SP	SMD
TREAT. DESCRIP.	49.7	49.7
VOLUME TREAT., MG	68.6	
% TREATED	68.6	68.6
POLLUTANT REMOVALS	F10 7	F10 7
SETT. SOLIDS, LBS.	518.7	518.7
SUSP. SOLIDS, LBS.	5881.5	4247.8
BOD5, LBS.	816.9	384.6
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	27.3	27.3
SUSP. SOLIDS, LBS.	653.5	2,287.3
BOD5, LBS.	144.1	576.6
AVG. POLLUTANT CONCENTRATIONS	A REST OFFICE AND A STATE OF	
BEFORE TREATMENT		
SETT. SOLIDS mg/1	0.9	0.9
SUSP. SOLIDS mg/1	10.8	10.8
BOD5 mg/l	1.6	1.6
AFTER TREATMENT		
SETT. SOLIDS mg/l	0.05	0.05
SUSP. SOLIDS mg/1	1.1	3.4
BOD5 mg/l	0.2	0.6
TOTAL CAPITAL COST (\$)	1,150,000	2,600,000
ANNUAL OEM COST (\$)	33,000	120,000
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.	7496	7496
REMOVED, LBS.	6698.4	4632.4
% REMOVED	89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)	12,900	42,100
	9.6	25.4
TREATMENT COST (¢/1000 gals)	lab. central to	23.4

DA	C	TNI	17	REA
DA		IIV	/ M	REA

TOWN FRANKLIN		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	3528	
TOTAL STORM RUNOFF VOL.		
MIL. GAL.	104.6	
TOTAL STORMWATER POLLUTANTS		
SETT. SOLIDS, LBS.	1270	
SUSP. SOLIDS, LBS.	15089	
BOD5	2218	
STORMWATER TREATMENT		
TREAT. DESCRIP.	SMD	
VOLUME TREAT., MG	71.7	
% TREATED	68.5	68.5
POLLUTANT REMOVALS		
SETT. SOLIDS, LBS.	1206.5	1206.5
SUSP. SOLIDS, LBS.	9807.9	13580.1
BOD5, LBS.	887.2	1885.3
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	63.5	63.5
SUSP. SOLIDS, LBS.	5281.1	1508.9
BOD5, LBS.		332.7
AVG. POLLUTANT CONCENTRATION	IS	
BEFORE TREATMENT		
SETT. SOLIDS mg/1	1.5	1.5
SUSP. SOLIDS mg/l	17.3	17.3 2.5
BOD5 mg/l	2.5	2.5
AFTER TREATMENT		
SETT. SOLIDS mg/l		0.07
SUSP. SOLIDS mg/1	6.1	1.7
BOD5 mg/l	1.5	0.4
200,000,300 cond. 55r. F 2004	3 500 000	1,600,000
TOTAL CAPITAL COST (\$)		52,000
ANNUAL O&M COST (\$)	170,000	32,000
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.	17307	17307
REMOVED, LBS.		15465.4
% REMOVED		89.4
CAPITAL COSTS/% REMOVAL (\$)	56,600	17,900
3.4	29.2	0.6
TREATMENT COST (¢/1000 gals)	29.2	9.0

TOWN HOLL	LISTON		8.170	
HODAN DOLTHACE	ADEA			
URBAN DRAINAGE	AREA	2000		
YEAR		3407		
ACRES	NORE 1101	3407		
TOTAL STORM RU	NOFF VOL.	101.7		
MIL. GAL.				
TOTAL STORMWAT		936		
SETT. SOLI		11,137		
SUSP. SOLI	DS, LBS.	1637		
BOD <sub>5</sub>		1037		
STORMWATER TRE			CMD	CD
TREAT. DES			SMD	SP 69.8
VOLUME TRE	AT., MG			
% TREATED			68.6	68.6
POLLUTANT REMO			000 2	000 0
SETT. SOLI			889.2	889.2 10,023.3
SUSP. SOLI	DS, LBS.		1239.1	10,023.3
BOD5, LBS.			654.8	1391.5
POLLUTANTS DIS			46.0	46.0
SETT. SOLI			46.8	46.8
SUSP. SOLI	DS, LBS.		3897.9	1113.7
BOD5, LBS.			982.2	245.7
AVG. POLLUTANT		ONS		
BEFORE TRE				
SETT. SOLI			1.1	
SUSP. SOLI	DS mg/l		13.1	13.1
BOD5 mg/l			1.9	1.9
AFTER TREA				0.00
SETT. SOLI				0.06
SUSP. SOLI	DS mg/l		4.6	1.3
BOD5 mg/l			1.2	0.3
TOTAL CAPITAL	COCH (C)		3,400,000	1,500,000
ANNUAL OWM COS				50,000
ANNUAL OWN COS	1 (4)			
SUSP. SOLIDS +	BOD5			
	ATMENT, LBS.			12,774
REMOVED, L			7893.9	11,414.8
% REMOVED			61.8	89.4
CAPITAL COSTS/	% REMOVAL (\$	147	55,000	16,800
TREATMENT COST	c (¢/1000 gal	s)	24.4	9.3

TOWN	HOPEDALE			
YEAR ACRES		2000 316		
MIL.		7.7		
	RMWATER POLLUTANTS	42		
	SOLIDS, LBS.	513		
	SOLIDS, LBS.	75		
BOD5	R TREATMENT	,3		
	. DESCRIP.		NT	SP
	E TREAT., MG		-	5.2
% TRE			-	67.5
POLLUTANT				
	SOLIDS, LBS.		ka T	39.9
	SOLIDS, LBS.			461.7
BOD5,			-	63.8
	S DISCHARGED		40	
	SOLIDS, LBS.		42 513	2.1 51.3
	SOLIDS, LBS.		75	11.2
BOD5,	LBS. UTANT CONCENTRATIONS		,,	11.2
	UTANT CONCENTRATIONS E TREATMENT			
	SOLIDS mg/l		0.7	0.7
	SOLIDS mg/1		8.0	8.0
BOD5			1.2	1.2
	TREATMENT			
SETT.	SOLIDS mg/l		0.7	0.03
SUSP.	SOLIDS mg/l		8.0	0.8
BOD5	mg/l		1.2	0.2
TOTAL CAP	ITAL COST (\$)		er Boan	240,000
	M COST (\$)			4,000
SUSP. SOL	IDS + BOD5		1000	ALECTROS.
	E TREATMENT, LBS.		588	588
	ED, LBS.		7 as	525.5 89.4
% REM	OVED			89.4
CAPITAL C	OSTS/% REMOVAL (\$)		VYCHOLS F	2,700
TREATMENT	COST (¢/1000 gals)			17.0

TOWN	HOPKINTON		
URBAN DR	AINAGE AREA	2000	
YEAR	\$200 to 1.00 to	2000 182	
ACRE		102	
	ORM RUNOFF VOL.	4.4	
	GAL.		
	ORMWATER POLLUTANTS	45	
	SOLIDS, LBS.	543	
BODS		80	
STORMWAT	ER TREATMENT		
	T. DESCRIP.		NT
	ME TREAT., MG		-
	EATED		-
POLLUTAN	IT REMOVALS		
SETT	. SOLIDS, LBS.		CHO D
SUSP	. SOLIDS, LBS.		18.1
BOD <sub>5</sub>	, LBS.		
POLLUTAN	TS DISCHARGED		45
	SOLIDS, LBS.		543
	. SOLIDS, LBS.		80
	, LBS.		
	LUTANT CONCENTRATION	5	
	SOLIDS mg/1		1.2
SHELL	SOLIDS mg/1		14.8
	mg/1		2.2
	ER TREATMENT		
	. SOLIDS mg/1		1.2
	. SOLIDS mg/1		14.8
	mg/1		2.2
	APITAL COST (\$)		91 750
ANNUAL C	DEM COST (\$)		
SUSP. SC	OLIDS + BOD5		623
BEFC	ORE TREATMENT, LBS.		
	OVED, LBS.		-
* KI	EMOVED		
CAPITAL	COSTS/% REMOVAL (\$)		engen e
TREATMEN	NT COST (¢/1000 gals)		

HODKINTON

TOWN	LEXINGTON		
URBAN DRAI YEAR ACRES	INAGE AREA	2000 2284	
MIL.		61.0	
SETT. SUSP.	RMWATER POLLUTANTS SOLIDS, LBS. SOLIDS, LBS.	741 8840 1300	
TREAT	R TREATMENT DESCRIP.	SP 41.8	SMD 41.8
% TREA		68.5	68.5
SUSP. BOD5,		704.0 7956.0 1105.0	
SETT. SUSP.	S DISCHARGED SOLIDS, LBS. SOLIDS, LBS.	37.0 884 195	3094
BEFORE	JTANT CONCENTRATIONS TREATMENT	ACT TANTER ASSO	TRAPSLIDA
SUSP. BOD5 r		1.5 17.4 2.6	17.4
SETT.	TREATMENT SOLIDS mg/l SOLIDS mg/l	0.07 1.7 0.4	
	ITAL COST (\$)	1,000,000	A NIAM ATAK
SUSP. SOL	IDS + BOD5	10,140	10,140
	E TREATMENT, LBS. ED, LBS. OVED	9061 89.4	6266
CAPITAL CO	OSTS/% REMOVAL (\$)	11,200	40,500
TREATMENT	COST (¢/1000 gals)	10.3	27.6

TOWN	LINCOLN			
URBAN DRA	INAGE AREA			
YEAR	0.000	2000		
ACRES		1863		
TOTAL STO	RM RUNOFF VOL.			
MIL.		46.4		
TOTAL STO	RMWATER POLLUTANTS			
SETT.	SOLIDS, LBS.	330		
SUSP.	SOLIDS, LBS.	3967		
BOD <sub>5</sub>		583		
STORMWATE	R TREATMENT			
	. DESCRIP.		SP	SMD
	E TREAT., MG		31.7	31.7
₹ TRE			68.3	68.3
	REMOVALS			
	SOLIDS, LBS.		313.5	313.5
SUSP.	SOLIDS, LBS.			2578.5
BOD5,			495.5	233.2
	S DISCHARGED			
	SOLIDS, LBS.		16.5	
	SOLIDS, LBS.			1388.5
BOD5,			87.5	299.8
	UTANT CONCENTRATIONS E TREATMENT			
			0.9	0.0
	SOLIDS mg/l SOLIDS mg/l		10.3	
BOD5			1.5	1.5
	TREATMENT		1.5	1.3
	SOLIDS mg/l		0.04	0.04
	SOLIDS mg/1		1.0	
BOD5			0.2	
2025	9/ 2		· · · ·	٠.٠
TOTAL CAP	ITAL COST (\$)		800,000	2,150,000
	M COST (\$)		22,000	75,000
SUSP. SOL	IDS + BOD5			
	E TREATMENT, LBS.		4550	4550
REMOV	ED, LBS.		4065.8	2811.7
% REM	OVED		89.4	61.8
CAPITAL C	OSTS/% REMOVAL (\$)		9,000	34,800
TREATMENT	COST (¢/1000 gals)		10.4	29.9

VOLUME TREAT., MG	TOWN MEDFIELD		
ACRES TOTAL STORM RUNOFF VOL.  MIL. GAL.  MIL. GAL.  TOTAL STORMWATER POLLUTANTS  SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  STORWATER TREATMENT  TREAT. DESCRIP.  VOLUME TREAT., MG  TREATED  POLLUTANT REMOVALS  SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  FOLLUTANTS. DISCHARGED  SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  BEFORE TREATMENT  SETT. SOLIDS mg/l  SUSP. SOLIDS mg/l  AFTER TREATMENT  SETT. SOLIDS mg/l  AFTER TREATMENT  SUSP. SOLIDS mg/l  AFTER TREATMENT  AFTER TRE	URBAN DRAINAGE AREA		
TOTAL STORM RUNOFF VOL.  MIL. GAL.  MIL. GAL.  TOTAL STORMWATER POLLUTANTS  SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  STORMWATER TREATMENT  TREAT. DESCRIP.  VOLUME TREAT., MG  TREATED  POLLUTANT REMOVALS  SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  POLLUTANTS. DISCHARGED  SETT. SOLIDS, LBS.  POLLUTANTS. DISCHARGED  SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/1  AFTER TREATMENT  AFTER TREATMENT  SETT. SOLIDS mg/1  AFTER TREATMENT  AFTER TREAT	YEAR	2000	
MIL. GAL.  TOTAL STORMWATER POLLUTANTS  SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  STORMWATER TREATMENT  TREAT. DESCRIP.  VOLUME TREAT., MG  * TREATED  POLLUTANT REMOVALS  SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  POLLUTANTS. DISCHARGED  SETT. SOLIDS, LBS.  POLLUTANTS. DISCHARGED  SETT. SOLIDS, LBS.  POLLUTANTS. DISCHARGED  SETT. SOLIDS, LBS.  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/l  AFTER TREATMENT  AFTER TREATMENT  SETT. SOLIDS mg/l  AFTER TREATMENT  AFTER TR	ACRES	2786	
TOTAL STORMWATER POLLUTANTS  SETT. SOLIDS, LBS. 73.2 SUSP. SOLIDS, LBS. 8709 BOD5 1280  STORMWATER TREATMENT  TREAT. DESCRIP. SP SM VOLUME TREAT., MG 56.2 56.4 % TREATED 68.6 68.6  POLLUTANT REMOVALS SETT. SOLIDS, LBS. 695.4 695.4 SUSP. SOLIDS, LBS. 7,838.1 5,660. BOD5, LBS. 1,088.0 512  POLLUTANTS.DISCHARGED SETT. SOLIDS, LBS. 36.6 36. SUSP. SOLIDS, LBS. 870.9 3,048. BOD5, LBS. 192 76.  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 1.1 1. SUSP. SOLIDS mg/1 1.2.8 12. BOD5 mg/1 1.9 1.9 AFTER TREATMENT SETT. SOLIDS mg/1 1.1 4.1 SUSP. SOLIDS mg/1 1.1 1.2 SUSP. SOLIDS mg/1 1.1 1.3 AFTER TREATMENT SETT. SOLIDS mg/1 1.3 4.4 BOD5 mg/1 0.3 1.4 BOD5 mg/1 0.3 1.4 BOD5 mg/1 0.3 1.7  TOTAL CAPITAL COST (\$) 1,260,000 3,000,00	TOTAL STORM RUNOFF VOL.		
SETT. SOLIDS, LBS. 73.2 SUSP. SOLIDS, LBS. 8709 BOD5 1280  STORMWATER TREATMENT TREAT. DESCRIP. SP SN VOLUME TREAT., MG 56.2 56. % TREATED 68.6 68.6  POLLUTANT REMOVALS SETT. SOLIDS, LBS. 695.4 695. BOD5, LBS. 7,838.1 5,660. BOD5, LBS. 1,088.0 512  POLLUTANTS.DISCHARGED SETT. SOLIDS, LBS. 36.6 36. SUSP. SOLIDS, LBS. 870.9 3,048. BOD5, LBS. 192 76.  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 1.1 1.1 SUSP. SOLIDS mg/1 1.2.8 12.1 BOD5 mg/1 1.9 1.9 AFTER TREATMENT SETT. SOLIDS mg/1 0.05 0.05 SUSP. SOLIDS mg/1 1.3 4 BOD5 mg/1 0.3 1.1  TOTAL CAPITAL COST (\$) 1,260,000 3,000,000	MIL. GAL.	81.9	
SUSP. SOLIDS, LBS. 8709 BOD5 1280  STORMWATER TREATMENT TREAT. DESCRIP. SP SN VOLUME TREAT., MG 56.2 56.6 % TREATED 68.6 68.6  POLLUTANT REMOVALS SETT. SOLIDS, LBS. 695.4 695.4 SUSP. SOLIDS, LBS. 7,838.1 5,660. BOD5, LBS. 7,838.1 5,660. BOD5, LBS. 1,088.0 512  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 36.6 36. SUSP. SOLIDS, LBS. 870.9 3,048. BOD5, LBS. 870.9 3,048. BOD5, LBS. 192 76.  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 1.1 1. SUSP. SOLIDS mg/1 1.2.8 12. BOD5 mg/1 1.9 1. AFTER TREATMENT SETT. SOLIDS mg/1 0.05 0.6 SUSP. SOLIDS mg/1 1.3 4. BOD5 mg/1 0.3 1.  TOTAL CAPITAL COST (\$) 1,260,000 3,000,00	TOTAL STORMWATER POLLUTANTS		
SUSP. SOLIDS, LBS. 8709 BOD5 1280  STORMWATER TREATMENT TREAT. DESCRIP. SP SN VOLUME TREAT., MG 56.2 56. % TREATED 68.6 68.6  POLLUTANT REMOVALS SETT. SOLIDS, LBS. 695.4 695. BOD5, LBS. 7,838.1 5,660. BOD5, LBS. 1,088.0 512  POLLUTANTS.DISCHARGED SETT. SOLIDS, LBS. 36.6 36. SUSP. SOLIDS, LBS. 870.9 3,048. BOD5, LBS. 192 76.  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 1.1 1. SUSP. SOLIDS mg/1 1.2.8 12. BOD5 mg/1 1.9 1. AFTER TREATMENT SETT. SOLIDS mg/1 0.05 0.6 SUSP. SOLIDS mg/1 1.3 4. BOD5 mg/1 0.3 1.  TOTAL CAPITAL COST (\$) 1,260,000 3,000,00	SETT. SOLIDS, LBS.	73.2	
## STORMWATER TREATMENT  TREAT. DESCRIP.		8709	
### STORMWATER TREATMENT  TREAT. DESCRIP.		1280	
VOLUME TREAT., MG			
VOLUME TREAT., MG		SP	SMD
\$ TREATED  POLLUTANT REMOVALS  SETT. SOLIDS, LBS. 695.4 695.5  SUSP. SOLIDS, LBS. 7,838.1 5,660.5  BOD5, LBS. 1,088.0 512  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS. 36.6 36.6  SUSP. SOLIDS, LBS. 870.9 3,048  BOD5, LBS. 192 76  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/1 1.1 1.1  SUSP. SOLIDS mg/1 12.8 12.7  BOD5 mg/1 1.9 1  AFTER TREATMENT  SETT. SOLIDS mg/1 0.05 0.0  SUSP. SOLIDS mg/1 1.3 4  BOD5 mg/1 0.3 1  TOTAL CAPITAL COST (\$) 1,260,000 3,000,000		56.2	56.2
SETT. SOLIDS, LBS. 695.4 695.8 SUSP. SOLIDS, LBS. 7,838.1 5,660 BOD5, LBS. 1,088.0 512  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 36.6 36 SUSP. SOLIDS, LBS. 870.9 3,048 BOD5, LBS. 192 76  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 1.1 1 SUSP. SOLIDS mg/1 12.8 12 BOD5 mg/1 1.9 1 AFTER TREATMENT SETT. SOLIDS mg/1 0.05 0.6 SUSP. SOLIDS mg/1 1.3 4 BOD5 mg/1 0.3 1  TOTAL CAPITAL COST (\$) 1,260,000 3,000,00		68.6	68.6
SETT. SOLIDS, LBS. 695.4 695.8 SUSP. SOLIDS, LBS. 7,838.1 5,660 BOD5, LBS. 1,088.0 512  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 36.6 36 SUSP. SOLIDS, LBS. 870.9 3,048 BOD5, LBS. 192 76  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 1.1 1 SUSP. SOLIDS mg/1 12.8 12 BOD5 mg/1 1.9 1 AFTER TREATMENT SETT. SOLIDS mg/1 0.05 0.6 SUSP. SOLIDS mg/1 1.3 4 BOD5 mg/1 0.3 1  TOTAL CAPITAL COST (\$) 1,260,000 3,000,00	POLLUTANT REMOVALS		
SUSP. SOLIDS, LBS. 7,838.1 5,660 BOD5, LBS. 1,088.0 512  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 36.6 36 SUSP. SOLIDS, LBS. 870.9 3,048 BOD5, LBS. 192 76  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 1.1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		695.4	695.4
BOD5, LBS. 1,088.0 512  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS. 36.6 36  SUSP. SOLIDS, LBS. 870.9 3,048  BOD5, LBS. 192 76  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/1 1.1 1  SUSP. SOLIDS mg/1 12.8 12  BOD5 mg/1 1.9 1  AFTER TREATMENT  SETT. SOLIDS mg/1 0.05 0.6  SUSP. SOLIDS mg/1 1.3 4  BOD5 mg/1 0.3 1  TOTAL CAPITAL COST (\$) 1,260,000 3,000,00		7,838.1	5,660.9
POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS. 36.6 36  SUSP. SOLIDS, LBS. 870.9 3,048  BOD5, LBS. 192 76  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/1 1.1 1  SUSP. SOLIDS mg/1 12.8 12  BOD5 mg/1 1.9 1  AFTER TREATMENT  SETT. SOLIDS mg/1 0.05 0.6  SUSP. SOLIDS mg/1 1.3 4  BOD5 mg/1 0.3 1  TOTAL CAPITAL COST (\$) 1,260,000 3,000,00		1,088.0	512.0
SETT. SOLIDS, LBS. 36.6 SUSP. SOLIDS, LBS. 870.9 BOD5, LBS. 192  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 1.1 1 SUSP. SOLIDS mg/1 12.8 12 BOD5 mg/1 1.9 1 AFTER TREATMENT SETT. SOLIDS mg/1 0.05 0.0 SUSP. SOLIDS mg/1 1.3 4 BOD5 mg/1 0.3 1  TOTAL CAPITAL COST (\$) 1,260,000 3,000,00	POLLUTANTS DISCHARGED		
SUSP. SOLIDS, LBS. 870.9 3,048 BOD5, LBS. 192 76  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/1 1.1 1  SUSP. SOLIDS mg/1 12.8 12  BOD5 mg/1 1.9 1  AFTER TREATMENT  SETT. SOLIDS mg/1 0.05 0.05  SUSP. SOLIDS mg/1 1.3 4  BOD5 mg/1 0.3 1  TOTAL CAPITAL COST (\$) 1,260,000 3,000,00		36.6	36.6
BOD5, LBS.  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/1  SUSP. SOLIDS mg/1  AFTER TREATMENT  SETT. SOLIDS mg/1  AFTER TREATMENT  SETT. SOLIDS mg/1  O.05  SUSP. SOLIDS mg/1  BOD5 mg/1  TOTAL CAPITAL COST (\$)  192  76  76  76  76  76  76  76  76  76  7	SUSP SOLIDS, LBS		3,048.1
AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/1  SUSP. SOLIDS mg/1  AFTER TREATMENT  SETT. SOLIDS mg/1  AFTER TREATMENT  SETT. SOLIDS mg/1  SUSP. SOLIDS mg/1  BOD5 mg/1  TOTAL CAPITAL COST (\$)  1.260,000  3,000,00	BODE IBS		768
BEFORE TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 BOD5 mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 BOD5 mg/1 TOTAL CAPITAL COST (\$)  1.1 1.1 1.2 1.2 1.2 1.3 4 0.0 3,000,00			
SETT. SOLIDS mg/1 1.1 1.1 1.1 SUSP. SOLIDS mg/1 12.8 12.8 12.8 BOD5 mg/1 1.9 1			
SUSP. SOLIDS mg/l 12.8 12 BOD5 mg/l 1.9 1 AFTER TREATMENT SETT. SOLIDS mg/l 0.05 0.0 SUSP. SOLIDS mg/l 1.3 4 BOD5 mg/l 0.3 1 TOTAL CAPITAL COST (\$) 1,260,000 3,000,00		1.1	1.1
BOD5 mg/l  AFTER TREATMENT  SETT. SOLIDS mg/l  SUSP. SOLIDS mg/l  BOD5 mg/l  TOTAL CAPITAL COST (\$)  1.9  1.9  1.0  1.9  1.0  1.0  1.0  1.0			12.8
AFTER TREATMENT SETT. SOLIDS mg/1 0.05 0.0 SUSP. SOLIDS mg/1 1.3 4 BOD5 mg/1 0.3 1  TOTAL CAPITAL COST (\$) 1,260,000 3,000,00			1.9
SETT. SOLIDS mg/l 0.05 0.05 SUSP. SOLIDS mg/l 1.3 4 BOD5 mg/l 0.3 1  TOTAL CAPITAL COST (\$) 1,260,000 3,000,00			ON A STREET
SUSP. SOLIDS mg/1 1.3 4 BOD5 mg/1 0.3 1 TOTAL CAPITAL COST (\$) 1,260,000 3,000,00		0.05	0.05
BOD5 mg/1 0.3 1 TOTAL CAPITAL COST (\$) 1,260,000 3,000,00			4.5
TOTAL CAPITAL COST (\$) 1,260,000 3,000,00			1.1
TOTAL CHI TIME COLT (T)	BOD5 mg/1	<b>0.</b> 3	MA AREA POUR
TOTAL CHI TIME COLT (T)	momar danzmar docm (6)	1 260 000	3-000-000
			135,000
ANNUAL OWN COST (\$)	ANNUAL O&M COST (\$)	40,000	133,000
SUSP. SOLIDS + BOD5	CHED COLLDS + BODe		
BEFORE TREATMENT, LBS. 9989 99		9989	9989
BEFORE TREATMENT, 200.			6172.9
KENOVED, EDD.			61.8
% REMOVED 89.4 61	6 REMOVED		AND THE PARTY OF T
CAPITAL COSTS/% REMOVAL (\$) 14,100 48,5	CAPITAL COSTS/% REMOVAL (\$)	14,100	48,500
TREATMENT COST (¢/1000 gals) 10.2 25	TREATMENT COST (¢/1000 gals)	10.2	25.7

TOWN	MEDWAY			
	INAGE AREA			
YEAR		2000		
ACRES		2078		
	RM RUNOFF VOL.	65.6		
MIL.	RMWATER POLLUTANTS	05.0		
		811		
	SOLIDS, LBS.	9607		
BOD5	SOLIDS, LBS.	1412		
	R TREATMENT			
	. DESCRIP.		SP	SMD
	E TREAT., MG		45.0	45.0
% TRE			68.6	68.6
POLLUTANT				
	SOLIDS, LBS.			770.5
	SOLIDS, LBS.			6244.6
BOD5,	LBS.		1200.2	564.8
POLLUTANT	S DISCHARGED			THE STREET
SETT.	SOLIDS, LBS.		40.5	40.5 3362.4
SUSP.	SOLIDS, LBS.		960.7	
BOD5,			211.8	847.2
	UTANT CONCENTRATIONS			
	E TREATMENT			SHOWER
	SOLIDS mg/l		1.5	
	SOLIDS mg/l		17.6	
BOD5			2.0	2.0
	TREATMENT		0.07	0.07
	SOLIDS mg/l		1.8	
	SOLIDS mg/1		0.4	1.5
BOD5	mg/I		0.4	
MOMAT CAD	ITAL COST (\$)	1.	100.000	2,600,000
	M COST (\$)			105,000
ANNUAL O	M COSI (\$)			
SUSP. SOL	IDS + BOD5			
	E TREATMENT, LBS.		11,019	11,019
	ED, LBS.		9846.6	
% REM			89.4	61.8
CAPITAL C	OSTS/% REMOVAL (\$)		12,300	42,100
			10.2	26.8
TREATMENT	COST (¢/1000 gals)		10.2	20.0

TOWN	MENDON		
HERAN DEAT	INAGE AREA		
YEAR	INAGE AREA	2000	
ACRES		155	
	RM RUNOFF VOL.	133	
MIL.		3.8	
	RMWATER POLLUTANTS	3.0	
	SOLIDS, LBS.	28	
	SOLIDS, LBS.	335	
BOD5	COSIDE, EDG.	49	
	R TREATMENT	7,	
	. DESCRIP.		NT
	E TREAT., MG		
% TREA			
POLLUTANT			
	SOLIDS, LBS.		
SUSP.	SOLIDS, LBS.		
BODe .	SOLIDS, LBS.		
POLLUTANTS	DISCHARGED		
SETT.	SOLIDS, LBS.		28
SUSP.	SOLIDS, LBS.		335
BOD5,			49
AVG. POLLU	JTANT CONCENTRATIONS	NAME OF TAXABLE	anti-hasan in
BEFORE	TREATMENT		
	SOLIDS mg/l		0.9
	SOLIDS mg/l		10.6
BOD5 n	ng/1		1.5
	TREATMENT		annen sen
	SOLIDS mg/l		0.9
SUSP.	SOLIDS mg/1		10.6
BOD5 n			1.5
TOTAL CAPI	TAL COST (\$)		N I TO B
ANNUAL OSM			-
SUSP. SOLI	IDS + BODs		
BEFORE	TREATMENT, LBS.		384
	ED, LBS.		
% REMO			-
CAPITAL CO	STS/% REMOVAL (\$)		100 mg - 1

TREATMENT COST (¢/1000 gals)

TOWN	MILFORD		
URBAN DRA	INAGE AREA		
YEAR		2000	
ACRES		2528	
	ORM RUNOFF VOL.		
MIL.		77.4	
	RMWATER POLLUTANTS		
	SOLIDS, LBS.	1079	
SUSP.	SOLIDS, LBS.	12,829	
BOD5	202220, 220,	1886	
	R TREATMENT		
	. DESCRIP.	SP	SMD
	E TREAT., MG	53.1	53.1
% TRE		68.6	68.6
	REMOVALS		
	SOLIDS, LBS.	1,025.1	1,025.1
	SOLIDS, LBS.	11,546.1	
BOD5,		1603.1	
	S DISCHARGED	. 19 000 0	
	SOLIDS, LBS.	53.9	53.9
	SOLIDS, LBS.	1282.9	4490.1
BODs.	LBS.	282.9	1131.6
	UTANT CONCENTRATIO	NS	
	E TREATMENT		
	SOLIDS mg/l	1.7	1.7
	SOLIDS mg/l	19.9	19.9
BOD5		2.9,	2.9
	TREATMENT		
	SOLIDS mg/1	0.08	0.08
	SOLIDS mg/1	2.0	7.0
BOD5		0.4	1.8
TOTAL CAP	ITAL COST (\$)	1,250,000	
	M COST (\$)	35,000	125,000
SUSP. SOL	IDS + BOD5		
	E TREATMENT, LBS.	14,715	14,715
	ED, LBS.	13,149.2	9093.3
% REM		89.4	61.8
CAPITAL C	OSTS/% REMOVAL (\$)	14,000	46,100
TREATMENT	COST (¢/1000 gals	9.8	25.6

TOWN	MILLIS			
URBAN DRAI	NAGE AREA			
YEAR		2000		
ACRES		1781		
	RM RUNOFF VOL.	1.01		
MIL. G		53.1		
	MWATER POLLUTANTS	33.1		
	SOLIDS, LBS.	756		
	SOLIDS, LBS.	7554		
BOD5		1112		
	TREATMENT			
	DESCRIP.		SP	SMD
	TREAT., MG		36.4	36.4
% TREA			68.5	68.5
POLLUTANT				TAY BUILDING
	SOLIDS, LBS.		718.2	718.2
	SOLIDS, LBS.		6,798.6	
BOD5,			945.2	444.8
	DISCHARGED			
	SOLIDS, LBS.		37.8	37.8
	SOLIDS, LBS.		755.4	2,643.9
BOD5,	LBS.		166.8	667.2
	TANT CONCENTRATION	S	20010	
	TREATMENT			
	SOLIDS mg/1		1.7	1.7
	SOLIDS mg/1		17.1	17.1
BOD5 m	ng/1		2.5	2.5
	TREATMENT			of Amma Same
	SOLIDS mg/l		0.09	0.09
	SOLIDS mg/1		1.7	6.0
BOD5 m			0.4	1.5
2003 1				A Year Scott
TOTAL CAPI	TAL COST (\$)		900,000	2,300,000
ANNUAL OSM			23,000	82,000
				O 2 Kalo Laka
SUSP. SOLI	DS + BODs			
	TREATMENT, LBS.		8666	8666
	D, LBS.		7743.8	5354.9
% REMO			89.4	61.8
o Mario				GLEV CHECK TO
CAPITAL CO	OSTS/% REMOVAL (\$)		10,100	37,200
TREATMENT	COST (¢/1000 gals)		10.0	28.1

TOWN	NATICK		
HERAN DEA	INAGE AREA		
YEAR	TIMOL ANDA	2000	
ACRES		2383	
	RM RUNOFF VOL.	2000	
MIL.		76.6	
	RMWATER POLLUTANTS	West of the	
	SOLIDS, LBS.	1139	
	SOLIDS, LBS.	13541	
BOD5		1991	
STORMWATE	R TREATMENT		
TREAT	. DESCRIP.	SP	
VOLUM	E TREAT., MG	52.2	52.2
% TRE		68.2	68.2
	REMOVALS		
	SOLIDS, LBS.	1,082.1	
	SOLIDS, LBS.	12,186.9	
BOD5,		1,692.4	796.4
	S DISCHARGED		
	SOLIDS, LBS.	56.9	
	SOLIDS, LBS.	1,354.1	
BOD5,		298.7	1,194.6
	UTANT CONCENTRATION	S	
	E TREATMENT		DEMONSTRATE SEC
	SOLIDS mg/l	1.8	1.8
	SOLIDS mg/l	21.2	21.2
BOD5		3.1	3.1
	TREATMENT	0.00	
	SOLIDS mg/l	0.09	
	SOLIDS mg/1	2.1	
BOD5	mg/l	0.5	1.9
momat (18 D	TMNT 600/2 /61	1 200 000	2,800,000
	ITAL COST (\$) M COST (\$)		125,000
ANNUAL O	m COST (\$)	37,000	123,000
CHED COL	IDS + BOD5		
	E TREATMENT, LBS.	15532	15532
	ED, LBS.	13,879.3	
% REM		89.4	61.8
o REF	OVED		01.0
CAPITAL C	OSTS/% REMOVAL (\$)	13,400	45,300
TREATMENT	COST (¢/1000 gals)	9.7	25.8

	TOWN NEEDHAM				
	URBAN DRAINAGE AREA				
	YEAR	2000			
	ACRES	4879			
	TOTAL STORM RUNOFF VOL.				
	MIL. GAL.	161.4			
	TOTAL STORMWATER POLLUTANT	rs			
	SETT. SOLIDS, LBS.	3046			
	SUSP. SOLIDS, LBS.	36299			
	BOD5	5337			
	STORMWATER TREATMENT				
	TREAT. DESCRIP.		SP	SMD	MD
	VOLUME TREAT., MG		110.7		110.7
	% TREATED		68.6	68.6	68.6
	POLLUTANT REMOVALS				
	SETT. SOLIDS, LBS.		2893.7		
	SUSP. SOLIDS, LBS.		32669.1		
	BOD5, LBS.		4536.5	2134.8	1067.4
,	POLLUTANTS DISCHARGED				
	SETT. SOLIDS, LBS.		152.3	152.3	
	SUSP. SOLIDS, LBS.		3629.9	12,704.6	
	BOD5, LBS.		800.5	3202.2	4269.6
	AVG. POLLUTANT CONCENTRAT	IONS			
	BEFORE TREATMENT		2 2		
	SETT. SOLIDS mg/l		2.3		
	SUSP. SOLIDS mg/1		4.0	27.0	
	BOD5 mg/l AFTER TREATMENT		4.0	4.0	4.0
	SETT. SOLIDS mg/l		0.1	0.1	0.2
	SUSP. SOLIDS mg/1		2.7		
	BOD5 mg/l		0.6	2.4	
	BODS Mg/I				3.2
	TOTAL CAPITAL COST (\$)	2,	200,000	4,500,000	16,000,000
	ANNUAL O&M COST (\$)				800,000
	SUSP. SOLIDS + BOD5				
	BEFORE TREATMENT, LBS		41,636	41,636	41,636
	REMOVED, LBS.	3	7,205.6	25,729.2	17,402.0
	% REMOVED		89.4	61.8	41.8
	CAPITAL COSTS/% REMOVAL (	\$)	24,600	72,800	383,000
	MDES MICHIE COCH /4/1000	, _ ,	8.8	22.0	72.5
	TREATMENT COST (¢/1000 ga	rs)	0.0	22.0	72.3

TOWN NEWTON			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	8152		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	266.0		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	5480		
SUSP. SOLIDS, LBS.	65425		
(B)	9621		
BOD <sub>5</sub> STORMWATER TREATMENT	3021		
TREAT. DESCRIP.	SP	SMD	MD
	182.4		
VOLUME TREAT., MG	68.6	68.6	68.6
% TREATED	00.0	00.0	00.0
POLLUTANT REMOVALS	5206	5206	4932
SETT. SOLIDS, LBS.	58,882.5		29,441.3
SUSP. SOLIDS, LBS.	8177.9	3848.4	
BOD <sub>5</sub> , LBS.	81/7.9	3040.4	1924.2
POLLUTANTS DISCHARGED	274	274	E 4 0
SETT. SOLIDS, LBS.	274		
SUSP. SOLIDS, LBS.		22898.7	
BOD5, LBS.		5772.6	7696.8
AVG. POLLUTANT CONCENTRATION	S		
BEFORE TREATMENT			
SETT. SOLIDS mg/1	2.5	2.5	2.5
SUSP. SOLIDS mg/1	29.5	29.5	29.5
BOD5 mg/l	4.3	4.3	4.3
AFTER TREATMENT			
SETT. SOLIDS mg/l	0.1	0.1	0.2
SUSP. SOLIDS mg/1	3.0		16.2
BOD5 mg/l	0.7	2.6	3.5
TOTAL CAPITAL COST (\$)	3,350,000	6,200,000	26,000,000
ANNUAL O&M COST (\$)	129,000	420,000	1,300,000
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	75046	75046	75046
REMOVED, LBS.	67060.4	46374.7	31365.5
% REMOVED	89.4	61.8	41.8
C REPOVED			
CAPITAL COSTS/% REMOVAL (\$)	37,500	100,300	622,000
			and a record of
TREATMENT COST (¢/1000 gals)	8.4	19.5	71.5

TOWN	NORFOLK			
	INAGE AREA	2000		
YEAR ACRES		4372		
TOTAL STO	RM RUNOFF VOL.			
MIL.	GAL. RMWATER POLLUTANTS	144.5		
	SOLIDS, LBS.	1607		
SUSP.	SOLIDS, LBS.	19086 2807		
BOD <sub>5</sub> STORMWATE	R TREATMENT	2007		
	. DESCRIP.			SP
VOLUM	E TREAT., MG		99.0	
% TRE			68.5	68.5
POLLUTANT	SOLIDS, LBS.		1526.7	1526.7
	SOLIDS, LBS.		12,405.9	17,177.4
BOD5,	LBS.		1122.8	2386.0
	S DISCHARGED		00.0	00.0
	SOLIDS, LBS.		80.3	80.3 1908.6
BOD5,	SOLIDS, LBS.		1.684.2	421.0
	UTANT CONCENTRATION	s	-,,,,,,,,	
	E TREATMENT			
	SOLIDS mg/l		1.3	1.3 15.8
	SOLIDS mg/1		2.3	2.3
BOD5	mg/l TREATMENT		2.3	2.3
	SOLIDS mg/l		0.07	0.07
	SOLIDS mg/1			1.6
BOD5			1.4	0.3
TOTAL CAP	ITAL COST (\$)		4,200,000	2,000,000
	M COST (\$)		235,000	73,000
	IDS + BOD5			
	E TREATMENT, LBS.		21,893	21,893 19,563.4
	ED, LBS.		61.8	89.4
% REM	OVED		01.0	
CAPITAL C	OSTS/% REMOVAL (\$)		68,000	22,400
TREATMENT	COST (¢/1000 gals)		22.3	9.0

TOWN SHERBORN		
URBAN DRAINAGE AREA YEAR	2000	
ACRES	2908	
TOTAL STORM RUNOFF VOL.		
MIL. GAL.	85.6	
TOTAL STORMWATER POLLUTANTS		
SETT. SOLIDS, LBS.	689	
SUSP. SOLIDS, LBS.	8180	
BOD <sub>5</sub>	1202	
STORMWATER TREATMENT		
TREAT. DESCRIP.	SP	SMD
VOLUME TREAT., MG	58.7	58.7
% TREATED	68.6	68.6
POLLUTANT REMOVALS		
SETT. SOLIDS, LBS.	654.6	
SUSP. SOLIDS, LBS.	7,362	5,317
BOD <sub>5</sub> , LBS.	1,021.7	480.8
POLLUTANTS DISCHARGED		24.4
SETT. SOLIDS, LBS.	34.4	34.4
SUSP. SOLIDS, LBS.	818	
BOD5, LBS.	180.3	721.2
AVG. POLLUTANT CONCENTRATIONS		
BEFORE TREATMENT	1.0	1.0
SETT. SOLIDS mg/l	11.5	11.5
SUSP. SOLIDS mg/l	1.7	1.7
BOD5 mg/l AFTER TREATMENT	1./	1.,
SETT. SOLIDS mg/l	0.05	0.05
SUSP. SOLIDS mg/1	1.1	
BOD5 mg/1	0.3	1.0
1005 mg/ 1	0.5	
TOTAL CAPITAL COST (\$)	1.300.000	3,100,000
ANNUAL O&M COST (\$)	42,000	140,000
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.	9382	9382
REMOVED, LBS.	8383.7	5797.2
% REMOVED	89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)	14,500	50,200
TREATMENT COST (¢/1000 gals)	9.5	25.5

TOWN	SOMERVILLE				
URBAN DRA	AINAGE AREA				
YEAR		2000			
ACRES		656			
	ORM RUNOFF VOL.			Wanted Street	
MIL.		28.6			
	ORMWATER POLLUTANTS	20.0			
		519			
	SOLIDS, LBS.	6085			
	SOLIDS, LBS.	894			
BOD <sub>5</sub>	D MDD I MINDIM	034			
	ER TREATMENT		SP	SMD	MD
	DESCRIP.		19.7		19.7
	ME TREAT., MG		68.9		
	EATED		00.9	00.9	00.9
	REMOVALS		402 1	102 1	167 1
	SOLIDS, LBS.			493.1	
	SOLIDS, LBS.		5476.5		2738.3
	LBS.		759.9	357.6	178.8
	TS DISCHARGED				
SETT.	SOLIDS, LBS.		25.9		
	SOLIDS, LBS.		608.5		3346.7
	LBS.		134.1	536.4	715.2
AVG. POLI	LUTANT CONCENTRATIONS				
	RE TREATMENT				
SETT.	SOLIDS mg/l		2.2		
SUSP.	SOLIDS mg/1		25.5		
BOD5	mg/1		3.7	3.7	3.7
AFTER	R TREATMENT				
SETT.	SOLIDS mg/l		0.1		
SUSP.	SOLIDS mg/1		2.6		
	mg/1		0.6	2.2	3.0
TOTAL CAP	PITAL COST (\$)		550,000		3,000,000
ANNUAL OF	M COST (\$)		13,000	41,000	150,000
	LIDS + BOD5		6070	6070	
	RE TREATMENT, LBS.		6979		
	PED, LBS.		6236.4		2917.1
% REM	OVED		89.4	61.8	41.8
			6,200	28,300	72,000
CAPITAL C	COSTS/% REMOVAL (\$)		0,200	20,300	72,000
TREATMENT	COST (¢/1000 gals)		11.1	35.1	76.4

TOWN	WALPOLE		
URBAN DRA	INAGE AREA		
YEAR		2000	
ACRES		151	
TOTAL STO	RM RUNOFF VOL.		
MIL. (	GAL.	4.0	
TOTAL STOR	RMWATER POLLUTANTS		
SETT.	SOLIDS, LBS.	44	
SUSP.	SOLIDS, LBS.	528	
BOD5		78	
	R TREATMENT		
	. DESCRIP.		NT
	E TREAT., MG		
% TRE			_
POLLUTANT			
	SOLIDS, LBS.		
	SOLIDS, LBS.		
BOD5,			
	S DISCHARGED		100
	SOLIDS, LBS.		44
	SOLIDS, LBS.		528
BOD5,			78
AUC DOLL	UTANT CONCENTRATION		/0
		15	
	E TREATMENT		1.3
	SOLIDS mg/l		
	SCLIDS mg/l		15.8
BOD5	mg/1		2.3
	TREATMENT		
	SOLIDS mg/l		1.3
	SOLIDS mg/l		15.8
BOD5	mg/l		2.3
TOTAL CAP	ITAL COST (\$)		12
	M COST (\$)		-
SUSP. SOL	IDS + BOD5		
BEFOR	E TREATMENT, LBS.		606
	ED, LBS.		-
% REM	OVED		-
CAPITAL C	OSTS/% REMOVAL (\$)		3,5745

TREATMENT COST (¢/1000 gals)

TOWN WALTHAM			
URBAN DRAINAGE AREA			
	2000		
	789		
TOTAL STORM RUNOFF VOL.			
	7.4		
TOTAL STORMWATER POLLUTANTS			
	351		
	716		
	371		
STORMWATER TREATMENT			
TREAT. DESCRIP.	SP	SMD	MD
VOLUME TREAT., MG	149.0	149.0	149.0
% TREATED	68.5	68.5	
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.	5083.5		4815.9
SUSP. SOLIDS, LBS.	57,344.4	41,415.4	28,672.2
BOD5, LBS.	7964.4	3748.4	1874.2
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS	267.5		535.1
SUSP. SOLIDS, LBS.	6371.6		35,043.8
BOD5, LBS.	1405.6	5622.6	7496.8
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT			
SETT. SOLIDS mg/l	3.0		3.0
SUSP. SOLIDS mg/1	35.1		
BOD <sub>5</sub> mg/l	5.2	5.2	5.2
AFTER TREATMENT		ACTIVATE A STATE	
SETT. SOLIDS mg/l	0.1	0.1	
SUSP. SOLIDS mg/1	3.5	12.3	
BOD5 mg/1	0.8	3.0	4.1
TOTAL CAPITAL COST (\$)	2 850 000	5 400 000	22,000,000
ANNUAL O&M COST (\$)			1,100,000
ANNUAL OWN COST (3)	107,000	330,000	1,100,000
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	73087	73087	73087
REMOVED, LBS.	65308.8	45,163.8	30,546.4
% REMOVED	89.4	61.8	41.8
CAPITAL COSTS/% REMOVAL (\$)	31,900	87,400	526,000
TREATMENT COST (¢/1000 gals)	8.6	20.3	74.1

TOWN WATERTOWN			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	1309		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	47.0		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	972		
SUSP. SOLIDS, LBS.	11547		
BOD5	1698		
STORMWATER TREATMENT			
TREAT. DESCRIP.	SP		MD
VOLUME TREAT., MG	32.3		32.3
% TREATED	68.7	68.7	68.7
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.	923.4	923.4	
SUSP. SOLIDS, LBS.	10,392.3		
BOD <sub>5</sub> , LBS. POLLUTANTS DISCHARGED	1443.3	679.2	339.6
	48.6	10.6	07.0
SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS.	1154.7	48.6	97.2
BOD <sub>5</sub> , LBS.	254.7	4041.5	6350.8 1358.4
AVG. POLLUTANT CONCENTRATION		1010.0	1338.4
BEFORE TREATMENT			
SETT. SOLIDS mg/1	2.5	2.5	2.5
SUSP. SOLIDS mg/1	29.5		29.5
BODs mg/l	4.3	4.3	4.3
AFTER TREATMENT		APPLICATION RES	
SETT. SOLIDS mg/1	0.1	0.1	0.2
SUSP. SOLIDS mg/1	2.9	10.3	
BOD5 mg/l	0.6	2.6	3.5
TOTAL CAPITAL COST (\$)	800,000		
ANNUAL O&M COST (\$)	22,000	75,000	250,000
SUSP. SOLIDS + BOD5	12245	12045	10045
BEFORE TREATMENT, LBS.	13245 11835.6		
REMOVED, LBS.	89.4		
& REMOVED	09.4	01.0	41.8
CAPITAL COSTS/% REMOVAL (\$)	9,000	35,600	120,000
			- salarez aran a
TREATMENT COST (¢/1000 gals)	10.2	29.8	77.7

TOWN WAYLAND			
URBAN DRAINAGE AREA			
YEAR	200	0	
ACRES	22	7	
TOTAL STORM RUNOFF VO	OL.		
MIL. GAL.	5.	2	
TOTAL STORMWATER POL			
SETT. SOLIDS, LB			
SUSP. SOLIDS, LB	5. 40	The second secon	
BOD5	6	0	
STORMWATER TREATMENT			
TREAT. DESCRIP.		SP	NT
VOLUME TREAT., M	G	3.6	
% TREATED		69.2	
POLLUTANT REMOVALS			
SETT. SOLIDS, LB	S.	24.7	
SUSP. SOLIDS, LB	S.	365.4	- Factor -
BOD5, LBS.		51.0	-
POLLUTANTS DISCHARGE		576.04	
SETT. SOLIDS, LB		1.3	26
SUSP. SOLIDS, LB BOD5, LBS.	S	40.6	406
		9.0	60
AVG. POLLUTANT CONCE	NTRATIONS		
BEFORE TREATMENT			engeler et.
SETT. SOLIDS mg/		0.6	0.6
SUSP. SOLIDS mg/	1	9.4	9.4
BOD5 mg/l		. 1.4	1.4
AFTER TREATMENT			THE RESERVE TO
SETT. SOLIDS mg/		0.03	0.6
SUSP. SOLIDS mg/	1	0.9	
BOD5 mg/l		0.2	1.4
TOTAL CAPITAL COST (	(2)	190,000	_
ANNUAL O&M COST (\$)	<b>Y</b> /	4,000	
ANNOAL COM COST (C)			
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT	, LBS.	466	466
REMOVED, LBS.		416.4	
% REMOVED		89.4	0.50
CAPITAL COSTS/% REMO	VAL (\$)	2,100	e prote <mark>o</mark> s
TREATMENT COST (¢/10	00 gals)	20.4	en coma = a

TOWN WELLESLEY			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	5078		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	152.0		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	2438		
SUSP. SOLIDS, LBS.	29167		
BOD <sub>5</sub>	4291		
STORMWATER TREATMENT			
TREAT. DESCRIP.	SP		
VOLUME TREAT., MG	104.2		
% TREATED	68.6	68.6	68.6
POLLUTANT REMOVALS	2 216 1	2 216 1	2 104 2
SETT. SOLIDS, LBS.			2,194.2
SUSP. FOLIDS, LBS.	26,250.3 3,647.4		13,125.2 858.2
BOD5, LBS. POLLUTANTS DISCHARGED	3,047.4	1,710.4	030.2
SETT. SOLIDS, LBS.	121.9	121.9	243.8
SUSP. SOLIDS, LBS.	2 916 7	10,208.4	
BOD5, LBS.	643.7	2.574.6	3,432.8
AVG. POLLUTANT CONCENTRATION			
BEFORE TREATMENT			
SETT. SOLIDS mg/l	1.9	1.9	1.9
SUSP. SOLIDS mg/1	23.0	23.0	23.0
BOD5 mg/l	3.4	3.4	3.4
AFTER TREATMENT			
SETT. SOLIDS mg/l	0.1		
SUSP. SOLIDS mg/1	2.3		12.7
BOD <sub>5</sub> mg/l	0.5	2.0	2.7
TOTAL CAPITAL COST (\$)	2,150,000	4,400,000	15,500,000
ANNUAL O&M COST (\$)	74,000	245,000	775,000
,			
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	33458		
REMOVED, LBS.	29897.7		
% REMOVED	89.4	61.8	41.8
CAPITAL COSTS/% REMOVAL (\$)	24,000	71,200	371,000
TREATMENT COST (¢/1000 gals)	9.1	22.2	74.7

TOWN WESTON			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	2328		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	78.3		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	1109		
SUSP. SOLIDS, LBS.	13196		
BOD5	1941		
STORMWATER TREATMENT			
TREAT. DESCRIP.		SP	SMD
VOLUME TREAT., MG		53.7	53.7
% TREATED		68.6	68.6
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.		1053.5	1053.5
SUSP. SOLIDS, LBS.		11876.4	8577.4
BOD5, LBS.		1649.9	776.4
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.		55.5	55.5
SUSP. SOLIDS, LBS.		1319.6	4618.6
BOD5, LBS.		291.1	1164.6
AVG. POLLUTANT CONCENTRATION	NS		
BEFORE TREATMENT		1 7	1.7
SETT. SOLIDS mg/1			20.2
SUSP. SOLIDS mg/l			3.0
BOD <sub>5</sub> mg/l		3.0	3.0
AFTER TREATMENT		0 08	0.08
SETT. SOLIDS mg/l			7.1
SUSP. SOLIDS mg/l		0.4	
BOD5 mg/l			
TOTAL CAPITAL COST (\$)	1	.250.000	2,850,000
ANNUAL OGM COST (\$)		35,000	125,000
ANNUAL CAM COST (\$)			· 1000000000000000000000000000000000000
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.		15137	15137
REMOVED, LBS.		13526.3	9353.8
% REMOVED		89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)		14,000	46,100
		9.6	25.3
TREATMENT COST (¢/1000 gals	,	A TABLE	76 PT 15 PT

TOWN	WESTWOOD		
URBAN DRA	INAGE AREA		
YEAR	EGA4	2000	
ACRES		1259	
	ORM RUNOFF VOL.	The bas	
MIL.		34.8	
	RMWATER POLLUTANTS		
	SOLIDS, LBS.	417	
	SOLIDS, LBS.	4982	
BOD5	002200, 2001	733	
	ER TREATMENT	, , , ,	
	DESCRIP.	SP	SMD
	ME TREAT., MG	23.9	
% TRE		68.7	
	REMOVALS	00.7	00.7
	SOLIDS, LBS.	396.2	396 2
	SOLIDS, LBS.	4483 8	396.2 3238.3
	LBS.	623.1	293.2
POLLUTANT	S DISCHARGED	023.1	293.2
SETT	SOLIDS, LBS.	20 8	20.8
	SOLIDS, LBS.	100.0	1743.7
	LBS.		439.8
	LUTANT CONCENTRATIONS		439.0
	RE TREATMENT		
	SOLIDS mg/1	1.4	1.4
	SOLIDS mg/1	17.2	
BOD5		2.5	
AFTER	TREATMENT	2.3	2.5
	SOLIDS mg/1	0.07	0.07
	SOLIDS mg/1	1.7	
BOD5		0.4	1.5
1000	111971	• • •	1.5
TOTAL CAP	PITAL COST (\$)	700.000	1,800,000
	M COST (\$)		65,000
AMMOAD O	6051 (4)	2,,000	03,000
SUSP SOI	LIDS + BODS		
	RE TREATMENT, LBS.	5715	5715
	ED, LBS.		3531.5
	MOVED	89.4	
6 KLI	OVED		01.0
CAPITAL C	COSTS/% REMOVAL (\$)	7,800	29,100
TREATMENT	r COST (¢/1000 gals)	11.7	33.6
T.(Dettermit)	cobe (1) Loud gars)		55.0

TOWN	WRENTHAM		
URBAN DRA	INAGE AREA		
YEAR		2000	
ACRES		1132	
	RM RUNOFF VOL.	37.2	
MIL.	RMWATER POLLUTANTS	37.2	
	SOLIDS, LBS.	521	
	SOLIDS, LBS.	6156	
BOD5	BOBIBE, EDE.	905	
	R TREATMENT		
TREAT	. DESCRIP.	SMD	SP
VOLUM	E TREAT., MG	25.5	
% TRE		68.5	68.5
POLLUTANT		405 1	40E 1
	SOLIDS, LBS.		495.1
	SOLIDS, LBS.	362	5540.4 769.3
BODS,	S DISCHARGED	302	703.3
	SOLIDS, LBS.	25.9	25.9
	SOLIDS, LBS.	2154.6	25.9 615.6
BOD5,		543	135.7
	UTANT CONCENTRATIONS		
	E TREATMENT		
SETT.	SOLIDS mg/l	1.7	1.7
	SOLIDS mg/l	19.8	
BOD5		2.9	2.9
	TREATMENT	0.08	0.08
	SOLIDS mg/l	6.9	2.0
	SOLIDS mg/1	1.8	0.4
BOD5	mg/1		
TOTAL CAP	ITAL COST (\$)	1,900,000	750,000
	M COST (\$)	75,000	19,000
SUSP. SOL	IDS + BOD5	250.6	sourbe.
BEFOR	E TREATMENT, LBS.	7061	7061
	ED, LBS.	4363.4	6309.7
% REM	OVED	01.0	89.4
CAPTTAL C	OSTS/% REMOVAL (\$)	30,700	8,400
		24.2	11 8
TREATMENT	COST (¢/1000 gals)	34.3	

URBAN DRAINAGE APEA   YEAR   2000   ACRES   156	TOWN EVERETT				
YEAR ACRES 156  TOTAL STORM RUNOFF VOL. MIL. GAL.  TOTAL STORMMATER POLLUTANTS SETT. SOLIDS, LBS. 112 SUSP. SOLIDS, LBS. 1340 BOD5  STORMWATER TREATMENT TREAT. DESCRIP. VOLUME TREAT., MG - 3.8 3.8 % TREATED - 69.1 69.1  POLLUTANT REMOVALS SETT. SOLIDS, LBS 106.4 106.4 SUSF. SOLIDS, LBS 1206 871 BOD5, LBS 167.5 78.8  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 112 5.6 5.6 SUSP. SOLIDS, LBS. 1340 134 469 BOD5, LBS. 1340 134 469 BOD5, LBS. 1340 134 469 BOD5, LBS. 197 29.5 118.2  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 2.4 2.4 2.4 SUSP. SOLIDS mg/1 29.2 29.2 29.2 BOD5 mg/1 4.3 4.3 4.3 AFTER TREATMENT SETT. SOLIDS mg/1 29.2 29.2 29.2 BOD5 mg/1 4.3 4.3 4.3 AFTER TREATMENT SETT. SOLIDS mg/1 29.2 2.9 10.2 BOD5 mg/1 4.3 0.6 2.6  TOTAL CAPITAL COST (\$) - 190,000 800,000 ANNUAL O&M COST (\$) - 190,000 800,000 ANNUAL O&M COST (\$) - 193,000 800,000 ANNUAL O&M COST (\$) - 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) - 2100 12,900	URBAN DRATNAGE AREA				
ACRES TOTAL STORM RUNOFF VOL. MIL. GAL.  TOTAL STORMWATER POLLUTANTS SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  TOTAL STORMWATER TREATMENT SETT. SOLIDS BES.  STORMWATER TREATMENT TREAT. DESCRIP. VOLUME TREAT., MG TREATED  POLLUTANT REMOVALS SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  POLLUTANTS DISCHARGED SETT. SOLIDS BS.  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 SUSP. SOLIDS mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 SUSP. SOLIDS mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. SUSP. SOLIDS + BOD5 SUSP. SOLIDS + BOD		2000			
TOTAL STORM RUNOFF VOL.  MIL. GAL.  TOTAL STORMWATER POLLUTANTS  SETT. SOLIDS, LBS.  SETT. SOLIDS, LBS.  112  SUSP. SOLIDS, LBS.  1197  STORMWATER TREATMENT  TREAT. DESCRIP.  VOLUME TREAT., MG  * TREATED  POLLUTANT REMOVALS  SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/1  SUSP. SOLIDS hg/1  SUSP. SOLIDS + BOD5  BEFORE TREATMENT, LBS.  * REMOVED  CAPITAL COSTS/* REMOVAL (\$)  - 2100 12,900					
MIL. GAL. 5.5  TOTAL STORMWATER POLLUTANTS SETT. SOLIDS, LBS. 1340 BOD5 197  STORMWATER TREATMENT TREAT. DESCRIP. NT SP SMD VOLUME TREAT., MG - 3.8 3.8 % TREATED - 69.1 69.1  POLLUTANT REMOVALS SETT. SOLIDS, LBS 1206 871 BOD5, LBS 167.5 78.8  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 112 5.6 5.6 SUSP. SOLIDS, LBS. 1340 134 469 BOD5, LBS. 1340 134 343 BOD5, LBS. 1340 134 469 BOD5, LB		100			
TOTAL STORMWATER POLLUTANTS     SETT. SOLIDS, LBS.		5.5			
SETT. SOLIDS, LBS. 1340 BOD5 STORMWATER TREATMENT TREAT. DESCRIP. VOLUME TREAT., MG - 3.8 3.8 % TREATED - 69.1 69.1  POLLUTANT REMOVALS SETT. SOLIDS, LBS 106.4 106.4 SUSP. SOLIDS, LBS 1206 871 BOD5, LBS 167.5 78.8  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 112 5.6 5.6 SUSP. SOLIDS, LBS. 1340 134 469 BOD5, LBS. 1340 134 469 BOD5, LBS. 1340 134 469 BOD5, LBS. 197 29.5 118.2  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 2.4 2.4 2.4 SUSP. SOLIDS mg/1 29.2 29.2 29.2 BOD5 mg/1 4.3 4.3 4.3 AFTER TREATMENT SETT. SOLIDS mg/1 29.2 29.2 29.2 BOD5 mg/1 4.3 4.3 4.3 AFTER TREATMENT SETT. SOLIDS mg/1 29.2 29.2 29.2 BOD5 mg/1 4.3 0.6 2.6  TOTAL CAPITAL COST (\$) - 190,000 800,000 ANNUAL 0&M COST (\$) - 190,000 800,000 ANNUAL 0&M COST (\$) - 1537 1537 REMOVED, LBS 1373.5 949.8 % REMOVED - 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) - 2100 12,900		3.3			
SUSP. SOLIDS, LBS. 1340 BOD5 STORMWATER TREATMENT TREAT. DESCRIP. NT SP SMD VOLUME TREAT., MG - 3.8 3.8 % TREATED - 69.1 69.1 POLLUTANT REMOVALS SETT. SOLIDS, LBS 106.4 106.4 SUSP. SOLIDS, LBS 167.5 78.8 POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 112 5.6 5.6 SUSP. SOLIDS, LBS. 1340 134 469 BOD5, LBS. 1340 134 469 BOD5, LBS. 197 29.5 118.2  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 29.2 29.2 29.2 SUSP. SOLIDS mg/1 29.2 29.2 29.2 BOD5 mg/1 4.3 4.3 4.3 AFTER TREATMENT SETT. SOLIDS mg/1 29.2 29.2 29.2 BOD5 mg/1 4.3 6.3 4.3 AFTER TREATMENT SETT. SOLIDS mg/1 29.2 29.2 29.2 BOD5 mg/1 4.3 0.6 2.6  TOTAL CAPITAL COST (\$) - 190,000 800,000 ANNUAL O&M COST (\$) - 190,000 800,000 ANNUAL O&M COST (\$) - 1373.5 949.8 % REMOVED - 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) - 2100 12,900		112			
BOD5 STORMWATER TREATMENT TREAT. DESCRIP. VOLUME TREAT., MG TREATED  POLLUTANT REMOVALS SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS. POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. SUSP. SOLIDS MBS. SUSP. SOLIDS HBOD5 SUSP. SOLIDS + BOD5 SUSP. SOLIDS					
STORMWATER TREATMENT TREAT. DESCRIP. VOLUME TREAT., MG * TREATED - 3.8 * TREATED - 69.1  POLLUTANT REMOVALS SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS. POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS. SUSP. SOLIDS, LBS. SUSP. SOLIDS, LBS. SUSP. SOLIDS, LBS. AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 SUSP. SOLIDS mg/1 SUSP. SOLIDS mg/1 SETT. SOLIDS mg/1 SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. SEFORE TREATMENT, LBS. REMOVED - 1373.5 949.8 REMOVED - 2100 12,900					
TREAT. DESCRIP.  VOLUME TREAT., MG  \$ TREATED  POLLUTANT REMOVALS  SETT. SOLIDS, LBS.  SETT. SOLIDS, LBS.  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS.  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS.  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/1  AFTER TREATMENT  SUSP. SOLIDS mg/1  AFTER TREATMENT  SUSP. SOLIDS mg/1  ANNUAL CAPITAL COST (\$)  ANNUAL O&M COST (\$)  COLUMN BOOK OON OON OON OON OON OON OON OON OON					
VOLUME TREAT., MG % TREATED  POLLUTANT REMOVALS SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS. POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS. POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. SUSP. SOLIDS BS. SUSP. SOLIDS BS. SUSP. SOLIDS BS. SUSP. SOLIDS MG/1 SUSP. SOLIDS HBOD5 BEFORE TREATMENT, LBS. REMOVED  CAPITAL COSTS/% REMOVAL (\$)  - 2100 12,900			NT	SP	SMD
\$ TREATED					
POLLUTANT REMOVALS  SETT. SOLIDS, LBS 106.4 871  BOD5, LBS 167.5 78.8  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS. 112 5.6 5.6  SUSP. SOLIDS, LBS. 1340 134 469  BOD5, LBS. 197 29.5 118.2  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/1 29.2 29.2 29.2  BOD5 mg/1 4.3 4.3 4.3  AFTER TREATMENT  SETT. SOLIDS mg/1 29.2 29.2 29.2  BOD5 mg/1 4.3 4.3 4.3  AFTER TREATMENT  SETT. SOLIDS mg/1 29.2 29.2 29.2  BOD5 mg/1 4.3 0.6 2.6  TOTAL CAPITAL COST (\$) - 190,000 800,000  ANNUAL O&M COST (\$) - 4,000 10,000  SUSP. SOLIDS + BOD5  BEFORE TREATMENT, LBS. 1537 1537  REMOVED, LBS 1373.5 949.8  REMOVED - 89.4 61.8  CAPITAL COSTS/* REMOVAL (\$) - 2100 12,900			_		
SETT. SOLIDS, LBS 106.4 871 BOD5, LBS 167.5 78.8  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 112 5.6 5.6 SUSP. SOLIDS, LBS. 1340 134 469 BOD5, LBS. 197 29.5 118.2  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 29.2 29.2 29.2 BOD5 mg/1 4.3 4.3 4.3 AFTER TREATMENT SETT. SOLIDS mg/1 29.2 29.2 29.2 BOD5 mg/1 4.3 6.3 4.3 AFTER TREATMENT SETT. SOLIDS mg/1 29.2 29.2 29.2 BOD5 mg/1 4.3 0.6 2.6  TOTAL CAPITAL COST (\$) - 190,000 800,000 ANNUAL O&M COST (\$) - 190,000 800,000 SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 1537 1537 REMOVED - 89.4 61.8  CAPITAL COSTS/* REMOVAL (\$) - 2100 12,900					
SUSP. SOLIDS, LBS 1206 871 BOD5, LBS 167.5 78.8  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 112 5.6 5.6 SUSP. SOLIDS, LBS. 1340 134 469 BOD5, LBS. 197 29.5 118.2  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 29.2 29.2 29.2 BOD5 mg/1 4.3 4.3 4.3 AFTER TREATMENT SETT. SOLIDS mg/1 29.2 29.2 29.2 BOD5 mg/1 4.3 0.1 0.1 SUSP. SOLIDS mg/1 29.2 2.9 10.2 BOD5 mg/1 29.2 2.9 10.2 BOD5 mg/1 4.3 0.6 2.6  TOTAL CAPITAL COST (\$) - 190,000 800,000 ANNUAL O&M COST (\$) - 4,000 10,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 1537 1537 REMOVED, LBS 1373.5 949.8 REMOVED - 89.4 61.8  CAPITAL COSTS/* REMOVAL (\$) - 2100 12,900			80.	106.4	106.4
BOD5, LBS.  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS. BOD5, LBS.  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT SETT. SOLIDS mg/1 BOD5 mg/1  AFTER TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 BOD5 mg/1  TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$)  BEFORE TREATMENT, LBS. BEFORE TREATMENT, LBS.  REMOVED  CAPITAL COSTS/* REMOVAL (\$)  CAPITAL COSTS/* REMOVAL (\$)  - 167.5  78.8  5.6  5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5			_		871
POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS. BOD5, LBS. AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/l SUSP. SOLIDS mg/l SUSP. SOLIDS mg/l AFTER TREATMENT SETT. SOLIDS mg/l SUSP. SOLIDS mg/l ANOUS MG/l SUSP. SOLIDS mg/l ANOUS MG/l ANOUS MG/l ANOUS MG/l SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. BEFORE TREATMENT, LBS. CAPITAL COSTS/* REMOVAL (\$)			_		78.8
SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS. BOD5, LBS.  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 SUSP. SOLIDS mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 AFTER TREATMENT AFTER TREATMENT SETT. SOLIDS mg/1 AFTER TREATMENT AFT					
SUSP. SOLIDS, LBS.  BOD5, LBS.  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/l  BOD5 mg/l  AFTER TREATMENT  SETT. SOLIDS mg/l  SUSP. SOLIDS mg/l  AFTER TREATMENT  SETT. SOLIDS mg/l  SUSP. SOLIDS mg/l  AFTER TREATMENT  SETT. SOLIDS mg/l  BOD5 mg/l  AFTER TREATMENT  SETT. SOLIDS mg/l  SUSP. SOLIDS mg/l  BOD5 mg/l  TOTAL CAPITAL COST (\$)  ANNUAL O&M COST (\$)  SUSP. SOLIDS + BOD5  BEFORE TREATMENT, LBS.  REMOVED, LBS.  REMOVED  CAPITAL COSTS/* REMOVAL (\$)  CAPITAL COSTS/* REMOVAL (\$)  - 2100  12,900			112	5.6	5.6
BOD5, LBS.  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/1  SUSP. SOLIDS mg/1  AFTER TREATMENT  SETT. SOLIDS mg/1  AFTER TREATMENT  SETT. SOLIDS mg/1  SUSP. SOLIDS mg/1  SUSP. SOLIDS mg/1  SUSP. SOLIDS mg/1  ANNUAL COST (\$)  TOTAL CAPITAL COST (\$)  ANNUAL O&M COST (\$)  SUSP. SOLIDS + BOD5  BEFORE TREATMENT, LBS.  REMOVED, LBS.  REMOVED  CAPITAL COSTS/* REMOVAL (\$)  197  29.5  118.2  118.1  11					
AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/l  BOD5 mg/l  AFTER TREATMENT  SETT. SOLIDS mg/l  SUSP. SOLIDS mg/l  SUSP. SOLIDS mg/l  SUSP. SOLIDS mg/l  BOD5 mg/l  TOTAL CAPITAL COST (\$)  ANNUAL O&M COST (\$)  SUSP. SOLIDS + BOD5  BEFORE TREATMENT, LBS.  REMOVED, LBS.  REMOVED  CAPITAL COSTS/* REMOVAL (\$)  POLITICAL CAPITAL COSTS/* REMOVAL (\$)  AND					118.2
BEFORE TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 BOD5 mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 SUSP. SOLIDS mg/1 SUSP. SOLIDS mg/1 BOD5 mg/1  TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$)  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. REMOVED, LBS. REMOVED  CAPITAL COSTS/% REMOVAL (\$)  CAPITAL COSTS/% REMOVAL (\$)  2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.	AUG DOLLUMANT CONCENTRATIONS	Office and	THE PERSON	100.00	
SETT. SOLIDS mg/l SUSP. SOLIDS mg/l BOD5 mg/l AFTER TREATMENT SETT. SOLIDS mg/l SUSP. SOLIDS mg/l SUSP. SOLIDS mg/l BOD5 mg/l  SUSP. SOLIDS mg/l BOD5 mg/l  TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$)  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. REMOVED, LBS. REMOVED  CAPITAL COSTS/* REMOVAL (\$)  2.4 0.1 0.1 0.1 2.4 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1					
SUSP. SOLIDS mg/1  BOD5 mg/1  AFTER TREATMENT  SETT. SOLIDS mg/1  SUSP. SOLIDS mg/1  BOD5 mg/1  SUSP. SOLIDS mg/1  BOD5 mg/1  TOTAL CAPITAL COST (\$)  ANNUAL O&M COST (\$)  BEFORE TREATMENT, LBS.  REMOVED, LBS.  REMOVED  CAPITAL COSTS/% REMOVAL (\$)  29.2  29.2  29.2  29.2  4.3  4.3  4.3  4.3  4.3  4.3  4.3  4			2.4	2.4	2.4
BOD5 mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 BOD5 mg/1  TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$)  BEFORE TREATMENT, LBS. REMOVED, LBS. REMOVED  CAPITAL COSTS/* REMOVAL (\$)  4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.					29.2
AFTER TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 BOD5 mg/1  TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$)  BEFORE TREATMENT, LBS. REMOVED, LBS. REMOVED  CAPITAL COSTS/% REMOVAL (\$)  2.4 0.1 29.2 2.9 10.2 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2					
SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 BOD5 mg/1  TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$)  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. REMOVED, LBS. REMOVED  CAPITAL COSTS/* REMOVAL (\$)  CAPITAL COSTS/* REMOVAL (\$)  2.4 0.1 29.2 2.9 10.2 2.6  190,000 800,000 10,000  1537 1537 1537 1537 1537 1537 1537 153					
SUSP. SOLIDS mg/1  BOD5 mg/1  TOTAL CAPITAL COST (\$)  ANNUAL O&M COST (\$)  SUSP. SOLIDS + BOD5  BEFORE TREATMENT, LBS.  REMOVED, LBS.  REMOVED  CAPITAL COSTS/* REMOVAL (\$)  29.2  4.3  0.6  190,000  800,000  - 4,000  10,000  1537  1537  1537  1537  1537  1537  249.8  61.8  CAPITAL COSTS/* REMOVAL (\$)			2.4	0.1	0.1
BOD5 mg/1 4.3 0.6 2.6  TOTAL CAPITAL COST (\$) - 190,000 800,000 ANNUAL O&M COST (\$) - 4,000 10,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 1537 1537 REMOVED, LBS 1373.5 949.8 REMOVED - 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) - 2100 12,900			29.2	2.9	10.2
TOTAL CAPITAL COST (\$)  ANNUAL O&M COST (\$)  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. REMOVED, LBS. REMOVED  CAPITAL COSTS/% REMOVAL (\$)  - 190,000  800,000 10,000  1537 1537 1537 1537 949.8 61.8			4.3	0.6	2.6
ANNUAL O&M COST (\$)  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. REMOVED, LBS. REMOVED  CAPITAL COSTS/* REMOVAL (\$)  - 4,000  10,000  1537 1537 1537 1537 949.8 61.8	BOD5 1119/1				
ANNUAL O&M COST (\$)  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. REMOVED, LBS. REMOVED  CAPITAL COSTS/% REMOVAL (\$)  - 4,000  10,000  1537 1537 1537 1537 249.8 61.8	TOTAL CAPITAL COST (\$)		781 <b>4</b> 800	190,000	
SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. REMOVED, LBS. REMOVED - 1373.5 949.8 61.8  CAPITAL COSTS/% REMOVAL (\$) - 2100 12,900			-	4,000	10,000
BEFORE TREATMENT, LBS.  REMOVED, LBS.  REMOVED  - 1373.5  89.4  61.8  CAPITAL COSTS/% REMOVAL (\$)  - 2100  12,900	ANNOAD OWN CODI (4)				
BEFORE TREATMENT, LBS.  REMOVED, LBS.  REMOVED  - 1373.5  89.4  61.8  CAPITAL COSTS/% REMOVAL (\$)  - 2100  12,900	SUSP. SOLIDS + BODE				
REMOVED, LBS 1373.5 949.8 89.4 61.8 CAPITAL COSTS/% REMOVAL (\$) - 2100 12,900	BEFORE TREATMENT, LBS.		1537		
* REMOVED - 89.4 61.8  CAPITAL COSTS/* REMOVAL (\$) - 2100 12,900			- 1		
CAPITAL COSTS/% REMOVAL (\$) - 2100 12,900			-	89.4	61.8
CAPITAL COSIS/ & REMOVAL (\$)	U RELIGIO				
	CAPITAL COSTS/% REMOVAL (\$)		LTVG#	2100	12,900
TREATMENT COST (¢/1000 gals) - 20.4 74.0					
TREATMENT COST (¢/1000 gals) - 20.4 /4.0				20.4	74.0
	TREATMENT COST (¢/1000 gals)			20.4	74.0

TOWN 1	REVERE		
URBAN DRAI YEAR ACRES		2000 348	
MIL. G.		13.1	
SETT.	MWATER POLLUTANTS SOLIDS, LBS. SOLIDS, LBS.	271 3207 472	
STORMWATER TREAT.	DESCRIP. TREAT., MG	SP 9.0 68.7	9.0
POLLUTANT SETT.	REMOVALS SOLIDS, LBS. SOLIDS, LBS.	257.5 2886.3 401.2	257.5 2084.5 188.8
POLLUTANTS SETT.	DISCHARGED SOLIDS, LBS. SOLIDS, LBS.	13.5 320.7 70.8	1122.5
AVG. POLLUBEFORE	TANT CONCENTRATIONS TREATMENT	2.5	2.5
SUSP. BOD5 m		2.5 29.3 4.3	29.3
SETT. SUSP.	TREATMENT SOLIDS mg/l SOLIDS mg/l	0.1 2.9 0.6	10.3
BOD5 m	g/l TAL COST (\$)	325.000	1.250.000
ANNUAL O&M		7,000	24,000
	TREATMENT, LBS. D, LBS.		3679 2273.3 61.8
CAPITAL CO	STS/% REMOVAL (\$)	3,600	20,200
TREATMENT	COST (¢/1000 gals)	14.3	52.6

TOWN BEDFORD		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	988	
TOTAL STORM RUNOFF VOL.	300	
MIL. GAL.	35.9	
TOTAL STORMWATER POLLUTA		
SETT. SOLIDS, LBS.	836	
	9985	
SUSP. SOLIDS, LBS. BOD5	1470	
STORMWATER TREATMENT	14/0	
	SP	SMD
TREAT. DESCRIP.	24.6	
VOLUME TREAT., MG	68.9	
% TREATED	66.9	68.9
POLLUTANT REMOVALS	704.2	704.0
SETT. SOLIDS, LBS.	794.2	
SUSP. SOLIDS, LBS.	8986.5	
BOD <sub>5</sub> , LBS.	12495	588
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	41.8	
SUSP. SOLIDS, LBS.	989.5	
BOD <sub>5</sub> , LBS.	220.5	882
AVG. POLLUTANT CONCENTRA	ATIONS	
BEFORE TREATMENT		
SETT. SOLIDS mg/l	2.8	
SUSP. SOLIDS mg/1	33.4	
BOD5 mg/l	4.9	4.9
AFTER TREATMENT		
SETT. SOLIDS mg/1	0.1	
SUSP. SOLIDS mg/1	3.3	
BOD5 mg/1	0.7	2.9
\$00 00 b 00 00 00 00 00 00 00 00 00 00 00		
TOTAL CAPITAL COST (\$)	700,000	2,000,000
ANNUAL O&M COST (\$)	18,000	60,000
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LE	is. 11455	
RFMOVED, LBS.	10236	
% REMOVED	89.4	61.8
CAPITAL COSTS/% REMOVAL	(\$) 7,800	32,400
TREATMENT COST (¢/1000 c	gals) 11.8	33.5

TOWN BILLERICA		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	3686	
TOTAL STORM RUNOFF VOL.		
MIL. GAL.	107.1	
TOTAL STORMWATER POLLUTA	NTS	
SETT. SOLIDS, LBS.	1298	
SUSP. SOLIDS, LBS.	15435	
BOD5	2269	
STORMWATER TREATMENT		
TREAT. DESCRIP.	SP	CMD
VOLUME TREAT., MG	73.5	73.5
% TREATED	68.6	68.6
POLLUTANT REMOVALS		
SETT. SOLIDS, LBS.	1233.1 12	33.1
SHIP SOLIDS, LBS.	13891.5 100	32.8
SUSP. SOLIDS, LBS. BOD5, LBS.	1928.7 9	07.6
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	64.9	64.9
SUSP. SOLIDS, LBS.	1543.5 54	02.2
BOD5, LBS.	340.3 13	61.4
AVG. POLLUTANT CONCENTRA	TTONE	
BEFORE TREATMENT	IIONB	
SETT. SOLIDS mg/l	1.5	1.5
SUSP. SOLIDS mg/1		17.3
BOD5 mg/1	2.5	2.5
AFTER TREATMENT		
SETT. SOLIDS mg/l	0.07	
SUSP. SOLIDS mg/1	1.7	
BOD5 mg/1	0.4	1.5
BODS Mg/I		
TOTAL CAPITAL COST (\$)	1,575,000 3,475	
ANNUAL O&M COST (\$)	54,000 170	,000
ANNOAL OWN COST (7)		
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LB	17704 1	
REMOVED, LBS.	13020.2 109	
% REMOVED	89.4	61.8
* REPOVED		
CAPITAL COSTS/% REMOVAL	(\$) 17,600 56	,200
	9.2	23.7
TREATMENT COST (¢/1000 g	als)	3 30/1-

TOWN CARLISLE		
URBAN DRAINAGE AREA YEAR	2000	
ACRES TOTAL STORM RUNOFF VOL.	2136	
MIL. GAL. TOTAL STORMWATER POLLUTANTS	56.0	
SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS.	408 4891	
BOD5 STORMWATER TREATMENT	719	
TREAT. DESCRIP. VOLUME TREAT., MG % TREATED		SMD 38.3 68.4
POLLUTANT REMOVALS SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS.	387.6 4401.9	387.6 3179.2 287.6
BOD5, LBS. POLLUTAN15 DISCHARGED		
SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS. BOD5, LBS.	489.1	20.4 1711.8 431.4
AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT		
SETT. SOLIDS mg/l SUSP. SOLIDS mg/l BOD5 mg/l AFTER TREATMENT	0.9 10.5 1.5	0.9 10.5 1.5
SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 BOD5 mg/1		0.4 3.7 0.9
TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$)		2,450,000 90,000
SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS.	5610	5610
REMOVED, LBS. % REMOVED	5013.1 89.4	3466.8
CAPITAL COSTS/% REMOVAL (\$)	11,200	39,600
TREATMENT COST (¢/1000 gals)	10.5	28.0

TOWN CHELMSFORD				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	5278			
TOTAL STORM RUNOFF VOL.	32,0			
MIL. GAL.	153.0			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	1939			
SUSP. SOLIDS, LBS.	23115			
BOD5	3399			
STORMWATER TREATMENT				
TREAT. DESCRIP.		SP	SMD	MD
VOLUME TREAT., MG		104.9	104.9	104.9
% TREATED		68.6	68.6	
POLLUTANT REMOVALS				
SETT. SOLIDS, LBS.		1842	1842	1745.1
SUSP. SOLIDS, LBS.		20803.5	15024.8	
BOD5, LBS.		2889.2	1359.6	
POLLUTANTS DISCHARGED				
SETT. SOLIDS, LBS.		97	97	193.9
SUSP. SOLIDS, LBS.		2311.5		
BOD5, LBS.		509.8	2039.4	2719.2
AVG. POLLUTANT CONCENTRATION	NS			
BEFORE TREATMENT				
SETT. SOLIDS mg/1		1.5	1.5	1.5
SUSP. SOLIDS mg/1		18.1	18.1	
BOD5 mg/l		2.7	2.7	2.7
AFTER TREATMENT				
SETT. SOLIDS mg/1		0.08		
SUSP. SOLIDS mg/l		1.8	6.3	
BOD5 mg/1		0.4	1.6	2.1
TOTAL CAPITAL COST (\$)	2.	.100.000	4,300,000	15.500.000
ANNUAL O&M COST (\$)		77,000		
minorial surr Coba (4)				
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		<b>4</b> 26514	26514	26514
REMOVED, LBS.		23692.7	16384.4	11081.6
% REMOVED		89.4	61.8	41.8
1 2 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		A August	7 - 1 - 1 - 2 - 2 - 2 - 2	571 53
CAPITAL COSTS/% REMOVAL (\$)		23,500	69,600	371,000
	. 18	Dep of No.	St. Sage of the	en sant
TREATMENT COST (¢/1000 gals	)	8.7	21.9	73.3

TOWN CONCORD		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	1195	
TOTAL STORM RUNOFF VOL.		
MIL. GAL.	36.5	
TOTAL STORMWATER POLLUTANTS		
SETT. SOLIDS, LBS.	576	
SUSP. SOLIDS, LBS.	6895	
BOD5	1014	
STORMWATER TREATMENT		
TREAT. DESCRIP.	SP	SMD
VOLUME TREAT., MG	25.1	
% TREATED	68.8	68.8
POLLUTANT REMOVALS		
SETT. SOLIDS, LBS.	547.2	547.2 4481.8
SUSP. SOLIDS, LBS.	6205.5	4481.8
BOD <sub>5</sub> , LBS.	861.9	405.6
POLLUTANTS DISCHARGED	20.0	20.0
SETT. SOLIDS, LBS.	28.8	28.8 2413.2
SUSP. SOLIDS, LBS. BOD5, LBS.	152.1	2413.2
BOD5, LBS.		608.4
AVG. POLLUTANT CONCENTRATIONS		
BEFORE TREATMENT	2.0	2.0
SETT. SOLIDS mg/l	2.0	23.4
SUSP. SOLIDS mg/1	23.4	3.4
BOD5 mg/1	3.4	3.4
AFTER TREATMENT	0.1	0.1
SETT. SOLIDS mg/l SUSP. SOLIDS mg/l	2.3	7.9
BOD5 mg/1	0.5	2.0
BOD5 mg/1		2.0
TOTAL CAPITAL COST (\$)	750,000	2,000,000
ANNUAL O&M COST (\$)	19,000	60,000
ANNOAL CUM COST (\$)		
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.	7909	
REMOVED, LBS.	7067.4	4887.4
% REMOVED	89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)	8,400	32,400
TREATMENT COST (¢/1000 gals)	11.7	33.0

TOWN	LINCOLN		
URBAN DR	AINAGE AREA		
YEAR		2000	
ACRE		128	
	ORM RUNOFF VOL.	2.2	
	GAL.	3.3	
	ORMWATER POLLUTANTS . SOLIDS, LBS.	24	
SEII	. SOLIDS, LBS.	288	
BOD5		42	
STORMWAT	ER TREATMENT		
TREA	T. DESCRIP.		NT
	ME TREAT., MG		-
	EATED		-
	T REMOVALS		
SETT	. SOLIDS, LBS SOLIDS, LBS.		_
BODe	, LBS.		-
POLLUTAN	TS DISCHARGED		
SETT	. SOLIDS, LBS.		24
SUSP	. SOLIDS, LBS.		288
	, LBS.		42
	LUTANT CONCENTRATIO	ONS	
BEFO	RE TREATMENT		0.9
SETT	. SOLIDS mg/l . SOLIDS mg/l		10.5
	mg/l		1.5
	R TREATMENT		
	. SOLIDS mg/1		0.9
SUSP	. SOLIDS mg/1		10.5
BOD5	mg/l		0.9
MOTAT CA	PITAL COST (\$)		_
	&M COST (\$)		-
AIMOAL O	un cobi (¢)		
	LIDS + BOD5		220
	RE TREATMENT, LBS.		330
REMO	VED, LBS.		
% REI	MOVED		
CAPITAL	COSTS/% REMOVAL (\$)		
and the second			
	/4/1000 ·		
TREATMEN'	T COST (¢/1000 gals	5)	

TINCOTN

TOWN LOWELL				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	2438			
TOTAL STORM RUNOFF VOL.	2130			
MIL. GAL.	84.4			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	1546			
SUSP. SOLIDS, LBS.	18335			
BOD5	2695			
STORMWATER TREATMENT				
'TREAT. DESCRIP.		SP	SMD	MD
VOLUME TREAT., MG		57.8	57.8	57.8
% TREATED		68.5	68.5	
POLLUTANT REMOVALS				
SETT. SOLIDS, LBS.	14	68.7	1468.7	1391.4
SUSP. SOLIDS, LBS.	165	01.5	11917.8	8250.8
BOD5, LBS.	22	90.8	1078	539
POLLUTANTS DISCHARGED				
SETT. SOLIDS, LBS.		77.3	77.3	
SUSP. SOLIDS, LBS.		33.5		
BOD5, LBS.	4	04.2	1617	2156
AVG. POLLUTANT CONCENTRATION	NS .			
BEFORE TREATMENT				er come
SETT. SOLIDS mg/1		2.2	2.2	2.2
SUSP. SOLIDS mg/1		26.0	26.0	26.0
BOD5 mg/l		3.8	3.8	3.8
AFTER TREATMENT			0.1	
SETT. SOLIDS mg/l		0.1	0.1	0.2
SUSP. SOLIDS mg/1		2.6	9.1 2.3	
BOD5 mg/l		0.6	2.3	3.1
TOTAL CAPITAL COST (\$)	1,300	,000	3,100,000	8,500,000
ANNUAL O&M COST (\$)		,000		
ANNORE SUPERIOR COST (T)				
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		,030	21,030	
REMOVED, LBS.		92.3	12995.8	8789.8
% REMOVED		89.4	61.8	41.8
CIRCUIT COOMS (A DEVOTE (A)	14	,500	50,200	203,000
CAPITAL COSTS/% REMOVAL (\$)		,500	30,200	203,000
TREATMENT COST (¢/1000 gals)		9.7	25.3	74.8
TREATMENT COST (4/1000 gats)		The state of the s		

TOWN TEWKSBURY			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	294		
TOTAL STORM RUNOFF VOL.	de		
MIL. GAL.	10.4		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	162		
SUSP. SOLIDS, LBS.	1919		
BOD <sub>5</sub>	282		
STORMWATER TREATMENT			
TREAT. DESCRIP.		SP	SMD
VOLUME TREAT., MG		7.1	7.1
% TREATED		68.3	68.3
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.		153.9	
SUSP. SOLIDS, LBS.		1727.1	1247.4
BOD <sub>5</sub> , LBS.		239.7	112.8
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.		8.1	8.1
SUSP. SOLIDS, LBS.		191.9	671.6 169.2
BOD5, LBS.		42.3	169.2
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT			
SETT. SOLIDS mg/1		1.9	1.9
SUSP. SOLIDS mg/1		22.1	
BOD <sub>5</sub> mg/l		3.3	3.3
AFTER TREATMENT			
SETT. SOLIDS mg/l			0.09
SUSP. SOLIDS mg/1		2.2	
BOD5 mg/l		0.5	2.0
TOTAL CAPITAL COST (\$)		260,000	1,130,000
ANNUAL OGM COST (\$)		5,000	19,000
SUSP. SOLIDS + BOD5		2201	2201
BEFORE TREATMENT, LBS.		1966.8	1360.2
REMOVED, LBS.		89.4	61.8
% REMOVED		02.4	01.0
CAPITAL COSTS/% REMOVAL (\$)		2,900	18,300
TREATMENT COST (¢/1000 gals)		15.0	58.7

TOWN WESTFORD				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	192			
TOTAL STORM RUNOFF	VOL.			
MIL. GAL.	4.4			
TOTAL STORMWATER PO	LLUTANTS			
SETT. SOLIDS, L	BS 44			
SUSP. SOLIDS, L				
BOD <sub>5</sub>	78			
STORMWATER TREATMEN	ım			
TREAT. DESCRIP.		NT	SP	SMD
VOLUME TREAT.,			3.0	3.0
% TREATED	NG		68.2	68.2
POLLUTANT REMOVALS				
SETT. SOLIDS, I	BC	_	41.8	41.8
SUSP. SOLIDS, I			476.1	343.8
BOD5, LBS.	.DS •	_	66.3	31.2
POLLUTANTS DISCHARG	ED			
SETT. SOLIDS, I		44	2.2	2.2
SUSP. SOLIDS, I		529	52.9	185.2
BOD5, LBS.	160.	78	11.7	46.8
AVG. POLLUTANT CONC	PNTDATTONE			
BEFORE TREATMEN				
SETT. SOLIDS mg		1.2	1.2	1.2
SUSP. SOLIDS mg		14.5	14.5	14.5
BOD5 mg/l	1/1	2.1	2.1	2.1
AFTER TREATMENT				
SETT. SOLIDS mg		1.2	0.06	0.06
SUSP. SOLIDS mg		14.5		5.0
BOD5 mg/l	1/1	2.1	0.3	1.3
BODS mg/I				
TOTAL CAPITAL COST	(6)	_	150,000	750,000
ANNUAL O&M COST (\$)	(4)		3,000	9,000
ANNOAL OWN COST (\$)			3,000	3,000
SUSP. SOLIDS + BODS				
BEFORE TREATMEN		607	607	607
REMOVED, LBS.	11, LBS.	007	542.4	375
% REMOVED			89.4	61.8
* REMOVED			1000	01.0
CAPITAL COSTS/% REM	MOVAL (S)		1,700	12,100
CHILING CODID, & REF				
TREATMENT COST (¢/1	.000 gals)	_	20.0	87.5

TOWN	BEVERLY		
URBAN DRA	INAGE AREA		
YEAR		2000	
ACRES		20	
TOTAL STO	RM RUNOFF VOL.		
MIL.	GAL.	0.7	
	RMWATER POLLUTANTS		
	SOLIDS, LBS.	6	
SUSP.	SOLIDS, LBS.	75	
BOD <sub>5</sub>		11	
	R TREATMENT		
	DESCRIP.		NT
	E TREAT., MG		
% TRE			
	REMOVALS		
SETT.	SOLIDS, LBS.		
	SOLIDS, LBS.		
BOD5,	LBS. CS DISCHARGED		
	SOLIDS, LBS.		6
	SOLIDS, LBS.		75
	LBS.		11
AVG. POLL	UTANT CONCENTRATIONS		
	E TREATMENT		
	SOLIDS mg/l		1.0
	SOLIDS mg/1		12.8
BOD5			1.9
AFTER	TREATMENT		
SETT.	SOLIDS mg/1		1.0
	SOLIDS mg/1		12.8
BOD5	mg/l		1.9
	ITAL COST (\$)		
ANNUAL O&	M COST (\$)		-
SUSP. SOL	IDS + BOD5		86
	E TREATMENT, LBS.		86
	ED, LBS.		
% REM	IOVED		
CAPITAL C	OSTS/% REMOVAL (\$)		1,000
			St. 1910
TREATMENT	COST (¢/1000 gals)		

TOWN ESSEX			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	1335		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	37.8		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	327		
SUSP. SOLIDS, LBS.	3900		
BOD5	573		
STORMWATER TREATMENT			
TREAT. DESCRIP.		SP	SMD
VOLUME TREAT., MG		25.9	25.9
% TREATED		68.5	68.5
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.		310.7	
SUSP. SOLIDS, LBS.		3510	2535
BOD5, LBS.		487	229.2
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.		16.3	16.3
SUSP. SOLIDS, LBS.		390	1365
SUSP. SOLIDS, LBS. BOD5, LBS.		86	343.8
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT			
SETT. SOLIDS mg/1		1.0	1.0
SUSP. SOLIDS mg/l		12.4	12.4
BOD <sub>5</sub> mg/l		1.8	1.8
AFTER TREATMENT			A NEW YORK
SETT. SOLIDS mg/l		0.05	0.05
SUSP. SOLIDS mg/l		1.2	4.3
BOD5 mg/l		0.3	1.1
TOTAL CAPITAL COST (\$)	7.	50,000	2,000,000
ANNUAL O&M COST (\$)		19,000	60,000
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.		4473	4473
REMOVED, LBS.		3997	2764.2
% REMOVED		89.4	61.8
* KENOVED			en in the Secretary
CAPITAL COSTS/% REMOVAL (\$)		8,400	32,400
TREATMENT COST (¢/1000 gals)		11.7	32.9

TOWN GLOUCESTER				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	303			
TOTAL STORM RUNOFF VOL.	303			
MIL. GAL.	7.1			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	56			
SUSP. SOLIDS, LBS.	681			
BOD5	100			
STORMWATER TREATMENT				
TREAT. DESCRIP.		NT	SP	SMD
VOLUME TREAT., MG		_	4.8	4.8
% TREATED		-	67.6	67.6
POLLUTANT REMOVALS				
SETT. SOLIDS, LBS.			53.2	53.2
SUSP. SOLIDS, LBS.		<del>-</del>	612.9	
BOD <sub>5</sub> , LBS.			85	40
POLLUTANTS DISCHARGED			0.00	
SETT. SOLIDS, LBS.		56	2.8	2.8
SUSP. SOLIDS, LBS.		681	68.1	238.4
BOD5, LBS.		100	15	60
AVG. POLLUTANT CONCENTRATIONS				
BEFORE TREATMENT				0.0
SETT. SOLIDS mg/l		0.9	0.9	0.9
SUSP. SOLIDS mg/l		1.7	1.7	1.7
BOD <sub>5</sub> mg/l AFTER TREATMENT		1./	1.7	1.7
SETT. SOLIDS mg/l		0.9	0.05	0.05
SUSP. SOLIDS mg/1		11.5	1.1	4.0
BOD5 mg/l		1.7	0.3	1.0
2023 1119/1			me care element and	SERVICE STATE
TOTAL CAPITAL COST (\$)			200,000	950,000
ANNUAL O&M COST (\$)			5,000	11,000
			The second second	
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		781	781	781
REMOVED, LBS.			697.9	482.6
% REMOVED		-	89.4	61.8
	681			
CAPITAL COSTS/% REMOVAL (\$)		-	22,000	15,400
TREATMENT COST (¢/1000 gals)		- Sec. 1 (2)	16.5	68.9

TOWN HAMILTON				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	216			
TOTAL STORM RUNOFF VOL.	210			
MIL. GAL.	6.3			
TOTAL STORMWATER POLLUTANTS	0.5			
SETT. SOLIDS, LBS.	64			
SUSP. SOLIDS, LBS.	768			
BODs	113			
STORMWATER TREATMENT	112			
TREAT. DESCRIP.		Nm		avo
VOLUME TREAT., MG		NT	SP	SMD
% TREATED			4.3 68.3	4.3
POLLUTANT REMOVALS			68.3	68.3
SETT. SOLIDS, LBS.			60.0	co o
SUSP. SOLIDS, LBS.			60.8	60.8
BOD5, LBS.			691.2 96	499.2
POLLUTANTS DISCHARGED			96	45.2
			2.0	2.0
SETT. SOLIDS, LBS.		64	3.2	3.2
SUSP. SOLIDS, LBS.		768	76.8	268.8
BOD5, LBS.		113	17	67.8
AVG. POLLUTANT CONCENTRATIONS				
BEFORE TREATMENT				
SETT. SOLIDS mg/l		1.2	1.2	1.2
SUSP. SOLIDS mg/l			14.6	14.6
BOD5 mg/l		2.2	2.2	2.2
AFTER TREATMENT		1 0	0.00	0.00
SETT. SOLIDS mg/l		1.2	0.06	0.06
SUSP. SOLIDS mg/1		14.6	1.5	5.1
BOD5 mg/l		2.2	0.3	1.3
TOTAL CAPITAL COST (\$)			200,000	900,000
ANNUAL O&M COST (\$)			5,000	10,000
1				
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		881	881	881
REMOVED, LBS.		-	787.2	544.4
% REMOVED		-	89.4	61.8
				900
CAPITAL COSTS/% REMOVAL (\$)			2200	14,600
TREATMENT COST (¢/1000 gals)			16.5	72.5
3,7-7/				

TOWN	IPSWICH		
URBAN DRA	INAGE AREA		
YEAR		2000	
ACRES		123	
	RM RUNOFF VOL.		
MIL.		3.5	
	RMWATER POLLUTANTS		
	SOLIDS, LBS.	44	
SUSP.	SOLIDS, LBS.	532	
BOD5		78	
	R TREATMENT		
	. DESCRIP.		NT
	E TREAT., MG		-
% TREA			-
	REMOVALS		
	SOLIDS, LBS.		-
SUSP.	SOLIDS, LBS.		-
BODS,	SOLIDS, LBS.		-
POLLUTANTS	S DISCHARGED		
SETT.	SOLIDS, LBS.		44
SUSP.	SOLIDS, LBS.		532
BOD5,	LBS.		78
AVG. POLL	JTANT CONCENTRATIONS		
	E TREATMENT		
	SOLIDS mg/l		1.5
	SOLIDS mg/l		18.2
BOD5 r			2.7
	TREATMENT		
	SOLIDS mg/l		1.5
	SOLIDS mg/l		18.2
BOD5 r	mg/1		2.7
TOTAL CAP	ITAL COST (\$)		-
	M COST (\$)		\$ t d=0
SUSP. SOL	IDS + BOD5		
BEFOR	E TREATMENT, LBS.		610
REMOV	ED, LBS.		-
% REM			•
CAPITAL CO	OSTS/% REMOVAL (\$)		STATE OF
TREATMENT	COST (¢/1000 gals)		
THEFT	CODE (1/ LOUG gals)		

#### STORMWATER MANAGEMENT SUMMARY

#### ESSEX BAY

TOWN	WENHAM			
URBAN DR	AINAGE AREA			
YEAR			2000	
ACRE			73	
TOTAL ST	ORM RUNOFF	VOL.		
	GAL.		2.1	
TOTAL ST	ORMWATER PO	LLUTANTS		
	. SOLIDS, L		25	
SUSP	. SOLIDS, L	BS.	298	
BOD <sub>5</sub>			44	
	ER TREATMEN			
	T. DESCRIP.			NT
AOLI	ME TREAT.,	MG		-
	EATED			-
	T REMOVALS			
SETT	. SOLIDS, L	BS.		-
SUSP	. SOLIDS, L	BS.		•
BOD <sub>5</sub>	, LBS.			-
	TS DISCHARG			
	. SOLIDS, L			25
	. SOLIDS, L	BS.		298
	, LBS.			44
	LUTANT CONC			
	RE TREATMEN			
SETT	. SOLIDS mg	/1		1.4
	. SOLIDS mg	/1		17.0
BOD5	mg/l			2.5
	R TREATMENT			1.4
	. SOLIDS mg			17.0
	. SOLIDS mg	/1		2.5
BOD5	mg/1			2.5
momat ca	PITAL COST	101		
	&M COST (\$)			
ANNOAL O	ari Cosi (\$)			
SUSP. SO	LIDS + BODS			
BEFO	RE TREATMEN	T. LBS.		342
REMO	VED. LBS.	0.0000		-
% RE	VED, LBS.			
CAPITAL	COSTS/% REM	OVAL (\$)		•
TREATMEN	T COST (¢/1	000 gals)		

## STORMWATER MANAGEMENT SUMMARY GLOUCESTER HARBOR

#### TOWN GLOUCESTER

URBAN DRAINAGE AREA		
YEAR 2	000	
	092	
TOTAL STORM RUNOFF VOL.		
	1.8	
TOTAL STORMWATER POLLUTANTS		
SETT. SOLIDS, LBS. 1		
	922	
	047	
STORMWATER TREATMENT		
	SP	SMD
VOLUME TREAT., MG	62.9	62.9
TREAT. DESCRIP. VOLUME TREAT., MG % TREATED	68.5	68.5
POLLUTANT REMOVALS		
SETT. SOLIDS, LBS.	1110.5	1110.5
SUSP. SOLIDS, LBS.	12529.8	9049.3
BODs, LBS.	1740	818.8
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	58.5	58.5 4872.7
SUSP. SOLIDS, LBS.	1392.2	4872.7
BOD5, LBS.	307	
AVG. POLLUTANT CONCENTRATION	NS .	
BEFORE TREATMENT		
SETT. SOLIDS mg/l	1.5	1.5
SUSP. SOLIDS mg/1	18.2	18.2
BOD5 mg/l	2.7	2.7
AFTER TREATMENT		
SETT. SOLIDS mg/l	0.08	0.08
SUSP. SOLIDS mg/1	1.8	6.4
BOD5 mg/l	0.4	1.6
TOTAL CAPITAL COST (\$)		3,200,000
ANNUAL O&M COST (\$)	47,000	150,000
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.		15969
REMOVED, LBS.	14269.8	9868.1
% REMOVED	89.4	61.8
		A 使 图 图 图 图 4 A A A A A A A A A A A A A A A
CAPITAL COSTS/% REMOVAL (\$)	15,700	52,600
TREATMENT COST (¢/1000 gals)	9.5	24.7

#### STORMWATER MANAGEMENT SUMMARY GLOUCESTER HARBOR

TOWN ROCKPORT	
URBAN DRAINAGE AREA	
YEAR 2000	
ACRES 200	
TAL STORM RUNOFF VOL.	
MIL. GAL. 0.5	
TOTAL STORMWATER POLLUTANTS	
SETT. SOLIDS, LBS. 4	
SUSP. SOLIDS, LBS. 43	
BOD5 6	
STORMWATER TREATMENT	
TREAT. DESCRIP.	NT
VOLUME TREAT., MG	.,.
% TREATED	
POLLUTANT REMOVALS	
SETT. SOLIDS, LBS.	
SUSP. SOLIDS, LBS.	
BOD5, LBS.	
POLLUTANTS DISCHARGED	
SETT. SOLIDS, LBS.	4
SUSP. SOLIDS, LBS.	43
SUSP. SOLIDS, LBS. BOD5, LBS.	6
AVG. POLLUTANT CONCENTRATIONS	
BEFORE TREATMENT	
SETT. SOLIDS mg/1	1.0
SUSP. SOLIDS mg/1	10.3
BOD5 mg/l	1.4
AFTER TREATMENT	
SETT. SOLIDS mg/l	1.0
SUSP. SOLIDS mg/1	10.3
BOD <sub>5</sub> mg/l	1.4
TOTAL CAPITAL COST (\$)	-
ANNUAL O&M COST (\$)	-
SUSP. SOLIDS + BOD5	
BEFORE TREATMENT, LBS.	49
REMOVED, LBS.	-
% REMOVED	-
CAPITAL COSTS/% REMOVAL (\$)	-
MDD1 MINUTE GOOD (4 (1000 - 1-1	
TREATMENT COST (¢/1000 gals)	Washington .

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METCALF AND EDDY INC BOSTON MASS
WASTEWATER ENGINEERING AND MANAGEMENT PLAN FOR BOSTON HARBOR - -- ETC(U)
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(C)	X-1	YE.							September 1		New York
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			100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		 100 mm	TOTAL STREET		 Carried III	Name of the last o	This section is	
Single Control of the	V-1		Uliversia (				No.			100 mm	

TOWN	ANDOVER			
HERAN DRA	INAGE AREA			
YEAR		2000		
ACRES		547		
	RM RUNOFF VOL.			
MIL.		13.5		
TOTAL STO	RMWATER POLLUTANT	S		
SETT.	SOLIDS, LBS.	113		
SUSP.	SOLIDS, LBS.	1358		
BOD5		200		
	R TREATMENT			
	. DESCRIP.		SP	SMD
	IE TREAT., MG		9.2 68.2	
% TRE			68.2	68.2
	REMOVALS		107.4	107.4
	SOLIDS, LBS.		1222.2	
	SOLIDS, LBS.		170	
	LBS. CS DISCHARGED		170	80
	SOLIDS, LBS.		5.6	5.6
SETT.	SOLIDS, LBS.		135.8	
BOD-	LBS.		30	
AVG POLI	UTANT CONCENTRATI	ONS		
	RE TREATMENT	O.I.D		
	SOLIDS mg/l		1.0	
SUSP	SOLIDS mg/l		12.1	
	mg/1		1.8	1.8
	RTREATMENT			
SETT.	. SOLIDS mg/1		0.05	0.05
SUSP.	SOLIDS mg/1		1.2	4.2
BOD5	mg/1		0.3	1.1
MOMAT CAT	PITAL COST (\$)		325,000	1,250,000
	M COST (\$)			20,000
ANNUAL O	In Cost (4)			
SUSP. SOI	LIDS + BOD5			
BEFOI	RE TREATMENT, LBS.		1558	1558
	VED, LBS.		1392.2	
	MOVED		89.4	61.8
CAPITAL	COSTS/% REMOVAL (\$	)	3,600	20,200
TREATMEN'	r COST (¢/1000 gal	s)	14.2	49.7

TOWN	BEVERLY				
URBAN DRA	INAGE AREA				
YEAR		2000			
ACRES		1517			
TOTAL STO	RM RUNOFF VOL.				
MIL.		49.0			
TOTAL STO	RMWATER POLLUTAN'	rs			
SETT.	SOLIDS, LBS.	664			
SUSP.	SOLIDS, LBS.	7889			
BOD5		1160			
STORMWATE	R TREATMENT				
TREAT	. DESCRIP.		SP	SMD	MD
VOLUM	E TREAT., MG		33.6	33.6	33.6
% TRE.			68.6	68.6	68.6
POLLUTANT	REMOVALS				
SETT.	SOLIDS, LBS.		630.8	630.8	597.6
SUSP.	SOLIDS, LBS.		7100.1	5127.8	3550
BOD5,			986	464	232
	S DISCHARGED				
	SOLIDS, LBS.		33.2		
SUSP.	SOLIDS, LBS.		788.9		
BOD5,			174	696	928
	UTANT CONCENTRAT	IONS			
	E TREATMENT				
	SOLIDS mg/l		1.6	1,6	
	SOLIDS mg/l		19.3	19.3	
BOD5			2.8	2.8	2.8
	TREATMENT				
	SOLIDS mg/l		0.08	0.08	
	SOLIDS mg/1		1.9	6.8	THE RESERVE OF THE PARTY OF THE
BOD5	mg/l		0.4	1.7	2.3
TOTAL CAP	ITAL COST (\$)		875,000	2,250,000	5,000,000
ANNUAL O&	M COST (\$)		25,000	80,000	250,000
SUSP. SOL	IDS + BOD5				
	E TREATMENT, LBS		9049	9049	9049
	ED, LBS.		8086.1	5591.8	
% REM			89.4	61.8	
CAPITAL C	OSTS/% REMOVAL (	\$)	9,800	36,400	120,000
MD D A MVDVM	COSM /4/1000	1-1	10.8	29.2	76.6
TREATMENT	COST (¢/1000 ga	18)	20.0		70.0

TOWN BILLERICA			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	78		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	2.0		
TOTAL STORMWATER POLLUTANTS	S		
SETT. SOLIDS, LBS.	21		
SUSP. SOLIDS, LBS.	249		
BOD5	37		
STORMWATER TREATMENT			
TREAT. DESCRIP.		NT	
VOLUME TREAT., MG		-	
% TREATED		-	
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.		-	
SUSP. SOLIDS, LBS.		-	
BODS, LBS.		-	
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.		21	
SUSP. SOLIDS, LBS.		249	
BOD5, LBS.		37	
AVG. POLLUTANT CONCENTRATIO	ONS		
BEFORE TREATMENT			
SETT. SOLIDS mg/1		1.3	
SUSP. SOLIDS mg/l		14.9	
BOD5 mg/l		2.2	
AFTER TREATMENT		1.3	
SETT. SOLIDS mg/l		14.9	
SUSP. SOLIDS mg/1		2.2	
BOD5 mg/l		2.2	
TOTAL CAPITAL COST (\$)		_	
ANNUAL O&M COST (\$)			
ANNUAL OWN COST (\$)			
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.		286	
REMOVED, LBS.			
* REMOVED		-	
* KENOVED			
CAPITAL COSTS/% REMOVAL (\$	)		
TREATMENT COST (¢/1000 gal	8)		

TOWN	BOXFORD		VICE 32
HERAN DEA	INAGE AREA		
YEAR	THAOL ARDA	2000	
ACRES		2524	
	ORM RUNOFF VOL.		
MIL.		67.1	
	RMWATER POLLUTANT		
	SOLIDS, LBS.	498	
	SOLIDS, LBS.		
BOD5		874	
	R TREATMENT		
TREAT	DESCRIP.	SP	SMD
VOLUM	E TREAT., MG	46.0	46.0
% TRE		68.6	
POLLUTANT	REMOVALS		
	SOLIDS, LBS.	473.1	473.1
	SOLIDS, LBS.	5355	3867.5
	LBS.	742.9	
POLLUTANT	S DISCHARGED		
	SOLIDS, LBS.	24.9	24.9
	SOLIDS, LBS.	595	2082.5
BODs.	LBS.		524.4
	UTANT CONCENTRATI		
	E TREATMENT	<b>建设高的</b>	
	SOLIDS mg/1	0.9	0.9
	SOLIDS mg/1	10.6	
BODs	mg/1	1.6	1.6
	TREATMENT		
	SOLIDS mg/l	0.04	0.04
	SOLIDS mg/1	1.1	3.7
BOD5		0.2	0.9
TOTAL CAP	PITAL COST (\$)	1,125,000	2,750,000
	M COST (\$)	35,000	110,000
	000.001 000.		425 220
SUSP. SOI	LIDS + BOD5		
BEFOR	RE TREATMENT, LBS.	6824	6824
	MED, LBS.	6097.9	4217.1
	MOVED	89.4	61.8
	图 (A) (A) (A) (A)		
CAPITAL C	COSTS/% REMOVAL (\$	12,600	44,500
	TOUR SERVICE OF THE S		/
TREATMENT	COST (¢/1000 gal	s) 10.2	26.8

TOWN BURLINGTON		
URBAN DRAINAGE AREA		
	2000	
그리 아들이 있는데 그는 그 전에 집에 가장이 있다면 그 나는 아들은 사람들이 되었다면 하는데 그 사람들이 되었다면 하는데 되었다면 하는데 되었다면 그 없다면 하는데 그리다면 하는데 그렇게 되었다면 그 없다면 하는데 그리다면 하는데 그렇게 되었다면 그렇다면 그렇다면 그렇다면 그렇다면 그렇다면 그렇다면 그렇다면 그렇		
	1782	
TOTAL STORM RUNOFF VOL.		
	58.0	
TOTAL STORMWATER POLLUTANTS	305	
	863	
	0286	
	1512	
STORMWATER TREATMENT		
TREAT. DESCRIP.	SP	SMD
VOLUME TREAT., MG	39.8	39.8
% TREATED	68.6	
POLLUTANT REMOVALS		## 25 # 10 1 E - 10 10 U / 1
SETT. SOLIDS, LBS.	819.9	819.9
SUSP. SOLIDS, LBS.		6685.9
BODs, LBS.	1285 2	604.8
POLLUTANTS DISCHARGED	1203.2	004.0
SETT. SOLIDS, LBS.	43.1 1028.6	43.1
SUSP. SOLIDS, LBS.	1020 6	3600.1
	226.8	3600.1
BOD5, LBS.		907.2
AVG. POLLUTANT CONCENTRATION	S	
BEFORE TREATMENT		JANEAR METALES
SETT. SOLIDS mg/l	1.8	
SUSP. SOLIDS mg/1	21.3	
BOD <sub>5</sub> mg/l	3.1	3.1
AFTER TREATMENT		
SETT. SOLIDS mg/l	0.09	
SUSP. SOLIDS mg/1	2.1	
BOD5 mg/l	0.5	1.9
TOTAL CAPITAL COST (\$)	1,050,000	2,500,000
ANNUAL O&M COST (\$)	30,000	100,000
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.	11700	11798
BEFORE TREATMENT, LBS.		
REMOVED, LBS.	10542.8	61.8
% REMOVED	89.4	91.8
CAPITAL COSTS/% REMOVAL (\$)	11,800	40,500
· 医沙兰 · 阿拉克斯 · 阿拉克斯	10.4	27.8
TREATMENT COST (¢/1000 gals)	10.4	21.8

TOWN DANVERS			
URBAN DRAINAGE AREA			
YEAR 200			
	24		
TOTAL STORM RUNOFF VOL.			
MIL. GAL. 31.	. 4		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS. 68			
SUSP. SOLIDS, LBS. 813			
BOD <sub>5</sub> 119	98		
STORMWATER TREATMENT			
TREAT. DESCRIP.	SP	SMD	MD
VOLUME TREAT., MG	21.5	21.5	21.5
% TREATED	68.5	68.5	68.5
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.	647	647	612.9
SUSP. SOLIDS, LBS.	7324.2	5289.7	3662.1
BOD5, LBS.	1018.3	479.2	239.6
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.	34		68.1
SUSP. SOLIDS, LBS.	813.8		
BOD5, LBS.	179.7	718.8	958.4
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT			
SETT. SOLIDS mg/l	2.6	2.6	2.6
SUSP. SOLIDS mg/1	31.1	31.1	31.1
BOD <sub>5</sub> mg/l	4.6	4.6	4.6
AFTER TREATMENT			
SETT. SOLIDS mg/l	0.1	0.1	0.3
SUSP. SOLIDS mg/1	3.1	10.9	17.1
BOD5 mg/l	0.7	2.7	3.7
TOTAL CAPITAL COST (\$)	650,000	1,900,000	3,000,000
ANNUAL O&M COST (\$)	17,000		150,000
ANNOAD COM COST (4)			
SUSP. SOLIDS + BOD5		4.500,000,000,000	
BEFORE TREATMENT, LBS.	9336	9336	9336
REMOVED, LBS.	8342.5		3901.7
% REMOVED	89.4	61.8	41.8
CAPITAL COSTS/% REMOVAL (\$)	7,300	30,700	72,000
	12.0	34.5	78.5
TREATMENT COST (¢/1000 gals)	Carlotte Carlotte	· · · · · · · · · · · · · · · · · · ·	A CHARLES

TOWN HAMILTON		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	2368	
TOTAL STORM RUNOFF VOL.		
MIL. GAL.	68.3	
TOTAL STORMWATER POLLUTAN		
SETT. SOLIDS, LBS.	706	
SUSP. SOLIDS, LBS.	8453	
BOD5	1243	
STORMWATER TREATMENT		
TREAT. DESCRIP. VOLUME TREAT., MG	SP 46.8	SMD 46.8
% TREATED	68.5	68.5
POLLUTANT REMOVALS	00.5	68.5
SETT. SOLIDS, LBS.	670.7	670.7
SUSP. SOLIDS, LBS.	7607.7	5494.5
BOD5, LBS.	1056.5	497.2
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	35.3	35.3
SUSP. SOLIDS, LBS.	845.3	
BOD5, LBS.	186.5	745.8
AVG. POLLUTANT CONCENTRAT	IONS	
BEFORE TREATMENT		
SETT. SOLIDS mg/l	1.2	1.2
SUSP. SOLIDS mg/l	14.8	14.8
BOD5 mg/1	2.2	2.2
AFTER TREATMENT SETT. SOLIDS mg/l	0.06	0.06
SUSP. SOLIDS mg/1	1.5	5.2
BOD5 mg/1	0.3	
2023 1119/2		
TOTAL CAPITAL COST (\$)	1,125,000	2,750,000
ANNUAL O&M COST (\$)	35,000	
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS	. 9696	9696
REMOVED, LBS.	8664.2 89.4	5991.7 61.8
% REMOVED	09.4	61.8
CAPITAL COSTS/% REMOVAL (	\$) 12,600	44,500
	10.2	26.8
TREATMENT COST (¢/1000 ga	18) 10.2	20.8

TOWN IPSWICH		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	3328	
TOTAL STORM RUNOFF VOL.		
MIL. GAL.	118.8	
TOTAL STORMWATER POLLUTAN		
SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS.	1969	
BOD5 STORMWATER TREATMENT	3460	
		THE THE PARTY OF THE PARTY.
TREAT. DESCRIP. VOLUME TREAT., MG	SP	SMD
% TREATED	81.4	
POLLUTANT REMOVALS	68.5	68.5
SETT. SOLIDS, LBS.	1870.5	1070 5
SUSP. SOLIDS, LBS.	21157.2	
BOD5, LBS.	2941	13280.2
POLLUTANTS DISCHARGED	2,41	1304
SETT. SOLIDS, LBS.	98.5	98.5
SUSP. SOLIDS, LBS.	2350.8	8827.8
BOD5, LBS.	519	2076
AVG. POLLUTANT CONCENTRAT	IONS	
BEFORE TREATMENT		
SETT. SOLIDS mg/1	2.0	2.0
SUSP. SOLIDS mg/1	23.7	23.7
BOD5 mg/l	3.5	3.5
AFTER TREATMENT		
SETT. SOLIDS mg/1	0.1	0.1
SUSP. SOLIDS mg/1	2.4	A CONTRACTOR OF THE PARTY OF TH
BOD <sub>5</sub> mg/l	0.5	2.1
TOTAL CAPITAL COST (\$)	1,725,000	3,750,000
ANNUAL O&M COST (\$)	61,000	
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS	26968	26968
REMOVED, LBS.	24098.2	16664.2
% REMOVED	89.4	61.8
A ABROVED		01.0
CAPITAL COSTS/% REMOVAL	(\$) 19,300	60,700
TREATMENT COST (¢/1000 ga	als) 9.0	23.2

TOWN J LYNNFIELD			
URBAN DRAINAGE AREA			
YEAR 2000			
ACRES 326			
TOTAL STORM RUNOFF VOL.			
MIL. GAL. 8.6			
TOTAL STORMWATER POLLUTANTS			
, BOD <sub>5</sub> 133			
STORMWATER TREATMENT			
TREAT. DESCRIP.	NT	SP	SMD
VOLUME TREAT., MG	-	5.9	5.9
% TREATED	- ·	68.6	68.6
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.	-	71.2	71.2
SUSP. SOLIDS, LBS.	-	811.8	586.3
BODS, LBS.	_	113	53.2
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.	75	3.8	3.8
SUSP. SOLIDS, LBS.	902	90.2	
BODs, LBS.	133	20	79.8
AVG. POLLUTANT CONCENTRATIONS	133	20	79.0
BEFORE TREATMENT	1.0	U san . 1 . 1	The Semiliar
SETT. SOLIDS mg/1		1.0	1.0
SUSP. SOLIDS mg/1	12.6	12.6	12.6
BOD <sub>5</sub> mg/l	1.9	1.9	1.9
AFTER TREATMENT			
SETT. SOLIDS mg/1	1.0	0.05	0.05
SUSP. SOLIDS mg/1	12.6		4.4
BOD5 mg/l	1.9	0.3	1.1
TOTAL CAPITAL COST (\$)	-	225,000	1,025,000
ANNUAL O&M COST (\$)	•	5,000	15,000
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	1035	1035	1035
REMOVED, LBS.	-	924.8	639.5
% REMOVED	-	89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)	(4)	2,500	16,600
TREATMENT COST (¢/1000 gals)	0 fap 20	15.8	62.6

TOWN	MIDDLETO	ON			
URBAN DRA	INAGE ARE	EA			
YEAR			2000		
ACRES			4165		
TOTAL STO		VOL.	-103		
MIL.			158.7		
TOTAL STO		OLLUTANT			
SETT.	SOLIDS,	LBS.	2726		
SUSP.	SOLIDS,	LBS.	32498		
BOD5			4783		
STORMWATE	R TREATM	ENT			
TREAT	. DESCRIE			SP	SMD
VOLUM	E TREAT.	, MG		108.8	
% TRE				68.6	
POLLUTANT	REMOVALS	3			THE RESERVE
	SOLIDS,			2589.7	2589.7
	SOLIDS,		2	9248.2	21123.7
	LBS.				1913.2
POLLUTANT	S DISCHA	RGED			MARKET I
	SOLIDS,			136.3	136.3
SUSP.	SOLIDS.	LBS.		3249.8	11374.3
BODs,	SOLIDS,			717.4	2869.8
AVG. POLI	UTANT COL	CENTRAT:	IONS		
	E TREATM				
	SOLIDS I			2.1	2.1
	SOLIDS I			24.6	
BOD5		Ball		3.6	3.6
	TREATME	TV			STATE OF THE PARTY
SETT.	SOLIDS I	mg/1		0.1	0.1
	SOLIDS I			2.5	8.6
BOD5		420		0.5	2.2
TOTAL CAP	TTAL COS	r (\$)	2.1	50.000	4,475,000
ANNUAL OF					255,000
SUSP. SOI	IDS + BO	De			
	RE TREATM			37281	37281
	ED, LBS.		3	3313.8	
	OVED			89.4	61.8
CAPITAL C	COSTS/% R	EMOVAL (	\$)	24,000	72,400
TREATMENT	COST (¢	/1000 ga	ls)	8.6	21.7

TOWN NORTH ANDOVER		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	734	
TOTAL STORM RUNOFF VOL.		
MIL. GAL.	18.5	
TOTAL STORMWATER POLLUTA	NTS	
SETT. SOLIDS, LBS.	155	
SUSP. SOLIDS, LBS.	1868	
BODs	275	
STORMWATER TREATMENT		
TREAT. DESCRIP.		SMD
VOLUME TREAT., MG	12.7	
% TREATED	68.6	8.6
POLLUTANT REMOVALS		
SETT. SOLIDS, LBS.	147.2 14	100
SUSP. SOLIDS, LBS.	1681.2 121	4.2
BOD5, LBS.	233.8	110
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	7.8	7.8
SUSP. SOLIDS, LBS.	186.8 65	3.8
BOD5, LBS.	41.2	165
AVG. POLLUTANT CONCENTRA	TIONS	
BEFORE TREATMENT		
SETT. SOLIDS mg/l		1.0
SUSP. SOLIDS mg/1		2.1
BOD5 mg/l	1.8	1.8
AFTER TREATMENT		
SETT. SOLIDS mg/l		. 05
SUSP. SOLIDS mg/1	1.2	4.2
BOD <sub>5</sub> mg/l	0.3	1.0
TOTAL CAPITAL COST (\$)	425,000 1,400,	000
ANNUAL OWM COST (\$)	10,000 30,	000
ANNUAL COM COST (4)		
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LI		143
REMOVED, LBS.	1915 132	
% REMOVED	89.4 6	1.8
CAPITAL COSTS/% REMOVAL	(\$) 4,800 22,	700
TREATMENT COST (¢/1000	gals) 13.7 4	2.7

TOWN NORTH READING		
URBAN DRAINAGE AREA		
	000	
	06	
TOTAL STORM RUNOFF VOL.		
	.7	
TOTAL STORMWATER POLLUTANTS		
	14	
SUSP. SOLIDS, LBS. 144		
BOD <sub>5</sub> 21	.21	
STORMWATER TREATMENT		
TREAT. DESCRIP.	SP	
VOLUME TREAT., MG	61.5	
% TREATED	68.6	68.6
POLLUTANT REMOVALS		
SETT. SOLIDS, LBS.	1153.3	1153.3
SUSP. SOLIDS, LBS.	12978.9	9373.6
BOD5, LBS.	1802.8	848.4
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	60.7 1442.1	60.7
SUSP. SOLIDS, LBS.	1442.1	5047.4
BOD5, LBS.	318.2	1272.6
AVG. POLLUTANT CONCENTRATIONS		
BEFORE TREATMENT		
SETT. SOLIDS mg/1	1.6	1.6
SUSP. SOLIDS mg/1	19.3	
BOD5 mg/l	2.8	2.8
AFTER TREATMENT		
SETT. SOLIDS mg/1	0.08	
SUSP. SOLIDS mg/1	1.9	
BOD5 mg/l	0.4	1.7
TOTAL CAPITAL COST (\$)	1.375.000	3,200,000
ANNUAL O&M COST (\$)	46,000	150,000
ANNOAL OWN COST (4)		-50,500
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.	16542	16542
REMOVED, LBS.	14781.7	10222
% REMOVED	89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)	15,400	52,600
TREATMENT COST (¢/1000 gals)	9.6	24.8
INDITITUTE CODE (Y/ 1000 gals)		

TOWN	PEABODY				
HERAN DE	INAGE AREA				
YEAR		2000			
ACRES		1286			
	ORM RUNOFF VOL.	1200			
MIL.		34.2			
	RMWATER POLLUTANT				
	SOLIDS, LBS.	450			
SEII.	SOLIDS, LBS.				
BOD5	SULIDS, LBS.	793			
	ER TREATMENT	193			
	DESCRIP.		as a	SMD	MD
	ME TREAT., MG			23.5	
	EATED			68.7	
	REMOVALS		00.7	00.7	00.7
	SOLIDS, LBS.		427 5	127 5	405
SETT	COLIDS, LBS.		1852 8	3504 9	2426.4
	SOLIDS, LBS.				158.6
BODS	LBS. TS DISCHARGED		0/4	317.2	130.0
			22 5	22.5	15
	SOLIDS, LBS.		530 2	1997 2	45 2965.6
SUSP.	SOLIDS, LBS.		110 0	175 0	634.4
	LBS.	CONTC	119.0	4/3.0	034.4
	LUTANT CONCENTRATI	LONS			
	RE TREATMENT		1.6	1.6	1.6
	SOLIDS mg/l		18 0	18.9	18.9
	. SOLIDS mg/l		2.8		
BOD5	mg/1		2.0	2.0	2.0
	R TREATMENT		0.08	0.08	0.2
	. SOLIDS mg/l		1.00	6.6	10.4
	. SOLIDS mg/l		0.4		2.2
BOD5	mg/l		0.4	1.,	2.2
			700 000	1 950 000	3,500,000
	PITAL COST (\$)				175,000
ANNUAL O	M COST (\$)		10,00	33,000	1/5,000
augh co	TDC + BOD-				
SUSP. SU	LIDS + BOD5 RE TREATMENT, LBS		6185	6185	6185
	VED, LBS.				2585
			89.4	61.8	41.8
* REI	MOVED			01.0	11.0
CAPITAL (	COSTS/% REMOVAL (	\$)	7,800	31,600	84,000
TREATMEN'	r COST (¢/1000 ga	ls)	11.9	34.0	75.4

TOWN READING		
URBAN DRAINAGE AREA		
YEAR	2000	is soantain
ACRES	1045	
TOTAL STORM RUNOFF VOL.	1043	
MIL. GAL.	32.0	
TOTAL STORMWATER POLLUTANTS	32.0	
SETT. SOLIDS, LBS.	445	
	5311	
	780	
BOD5	780	
STORMWATER TREATMENT	20	provide parts
TREAT. DESCRIP.	SP	
VOLUME TREAT., MG	22.0	
% TREATED	68.8	68.8
POLLUTANT REMOVALS		
SETT. SOLIDS, LBS.	422.8	422.8
SUSP. SOLIDS, LBS.		
BOD5, LBS.	663	312
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	22.2	22.2
SUSP. SOLIDS, LBS.	531.1	1858.8
BOD5, LBS.	117	468
AVG. POLLUTANT CONCENTRATION		
BEFORE TREATMENT	ENCENTRALIZATION	
SETT. SOLIDS mg/l	1.7	1.7
SUSP. SOLIDS mg/1	19.9	
BOD5 mg/1	2.9	2.9
AFTER TREATMENT		Lance of
	0.08	0.08
SETT. SOLIDS mg/l	2.00	7.0
SUSP. SOLIDS mg/1	0.4	
BOD5 mg/l	0.4	1.0
TOTAL CAPITAL COST (\$)	650,000	1,900,000
ANNUAL O&M COST (\$)	17,000	55,000
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.	6091	6091
REMOVED, LBS.	5442.9	
% REMOVED	89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)	7,300	30,700
CHILIPE COLL, & REPOVAL (\$)	(2) IAVCES	
TREATMENT COST (¢/1000 gals)	12.0	34.5
coos (,, zooc gais,	THE RESERVE OF THE PROPERTY OF	

TOWN TEWKSBURY	
URBAN DRAINAGE AREA	
YEAR	2000
ACRES	142
TOTAL STORM RUNOFF VOL.	
MIL. GAL.	3.8
TOTAL STORMWATER POLLUTANTS	
SETT. SOLIDS, LBS.	42
SUSP. SOLIDS, LBS.	509
BOD5 STORMWATER TREATMENT	75
	NT
TREAT. DESCRIP. VOLUME TREAT., MG	<u></u>
% TREATED	
POLLUTANT REMOVALS	
SETT. SOLIDS, LBS.	_
SUSP. SOLIDS, LBS.	
BOD5, LBS.	-
POLLUTANTS DISCHARGED	
SETT. SOLIDS, LBS.	42
SUSP. SOLIDS, LBS.	509
BOD5, LBS. AVG. POLLUTANT CONCENTRATION	75
BEFORE TREATMENT	)NS
SETT. SOLIDS mg/l	1.3
SUSP. SOLIDS mg/1	16.1
BODs mg/1	2.4
AFTER TREATMENT	
SETT. SOLIDS mg/1	1.3
SUSP. SOLIDS mg/1	16.1
BOD5 mg/1	2.4
TOTAL CAPITAL COST (\$)	
ANNUAL OEM COST (\$)	-
SUSP. SOLIDS + BOD5	900 1000 - 1000
BEFORE TREATMENT, LBS.	584
REMOVED, LBS.	
% REMOVED	
CAPITAL COSTS/% REMOVAL (\$)	
TREATMENT COST (¢/1000 gals	.)

TOWN	TOPSFIELD				
HERAN DEA	INAGE AREA				
YEAR		2000			
ACRES		3017			
	RM RUNOFF VOL.	301,			
MIL.		80.5			
	RMWATER POLLUTANT				
	SOLIDS, LBS.	752			
	SOLIDS, LBS.	7569			
BOD5		1114			
	R TREATMENT				
TREAT	. DESCRIP.		SP	SMD	
VOLUM	E TREAT., MG		55.2	55.2	
% TRE	ATED		68.6	68.6	
POLLUTANT	REMOVALS				
SETT.	SOLIDS, LBS.		714.4	714.4	
SUSP.	SOLIDS, LBS.		6812.1	4919.9	
BOD5,	LBS.		946.9	445.6	
	S DISCHARGED				
SETT.	SOLIDS, LBS.		37.6	37.6	
SUSP.	SOLIDS, LBS.			2649.1	
	LBS.		167.1	668.4	
	UTANT CONCENTRATI	ONS			
	RE TREATMENT				
	SOLIDS mg/l		1.1	1.1	
	SOLIDS mg/l		11.3		
BOD5			1.7	1.7	
	RTREATMENT				
	SOLIDS mg/1		0.06	0.06	
	SOLIDS mg/1		1.1	3.9	
BOD5	mg/l		0.2	1.0	
	/4\		75 000	3,000,000	
	PITAL COST (\$)	mer -	41,000		
ANNUAL OF	M COST (\$)		41,000	130,000	
CHED COL	LIDS + BOD5				
DEFOI	RE TREATMENT, LBS.		8683	8683	
	ED, LBS.		7759		
	MOVED		89.4		
* KE	2,53			district.	
CAPITAL C	COSTS/% REMOVAL (	\$)	14,300	48,500	
TREATMENT	COST (¢/1000 ga	ls)	9.8	25.5	

TOWN	WENHAM			
URBAN DRA	AINAGE AREA			
YEAR		2000		
ACRES		1781		
	ORM RUNOFF VOL.	1/01		
MIL.		49.8		
	RMWATER POLLUTAN			
	SOLIDS, LBS.	433		
	SOLIDS, LBS.	5174		
BOD5		761		
	ER TREATMENT	, 01		
The same of the sa	DESCRIP.		SP	SMD
	ME TREAT., MG		34.1	34.1
	EATED		68.5	
	REMOVALS		00.5	00.5
	SOLIDS, LBS.		411.4	411.4
	SOLIDS, LBS.		4656.6	3363.1
	LBS.			304.4
POLLUTANT	S DISCHARGED		0.0.0	301.1
	SOLIDS, LBS.		21.6	21.6
SUSP	SOLIDS, LBS.		517.4	1810.9
BODs .	LBS.		114.2	456.6
	LUTANT CONCENTRAT	IONS		
	RE TREATMENT			
	SOLIDS mg/l		1.0	1.0
	SOLIDS mg/1		12.4	12.4
	mg/1		1.8	1.8
	RTREATMENT			
	SOLIDS mg/l		0.05	0.05
	SOLIDS mg/1		1.2	
	mg/1		0.3	
	nan ann a man			
TOTAL CAR	PITAL COST (\$)		875,000	2,250,000
	M COST (\$)		25,000	
SUSP. SOI	LIDS + BOD5			
	RE TREATMENT, LBS	3.	5935	5935
	/ED, LBS.		5303.4	3667.5
	MOVED		89.4	61.8
	000.81			
CAPITAL C	COSTS/% REMOVAL	(\$)	9,800	36,400
TREATMENT	r COST (¢/1000 ga	als)	10.8	29.2

TOWN WILMINGTON		
URBAN DRAINAGE AREA		
YEAR 20	00	
ACRES 47	97	
TOTAL STORM RUNOFF VOL.		
MIL. GAL. 181	.5	
TOTAL STORMWATER POLLUTANTS		
SETT. SOLIDS, LBS. 37		
SUSP. SOLIDS, LBS. 445		
BOD <sub>5</sub> 65	50	
STORMWATER TREATMENT		
TREAT. DESCRIP.	SP	
VOLUME TREAT., MG	124.5	
% TREATED	68.6	68.6
POLLUTANT REMOVALS		
SETT. SOLIDS, LBS.		3568.2
SUSP. SOLIDS, LBS.	40098.6	28960.1
BOD5, LBS.	5567.5	2620
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	187.8	187.8
SUSP. SOLIDS, LBS.	4455.4	15593.9
BOD5, LBS.	982.5	3930
AVG. POLLUTANT CONCENTRATIONS		
BEFORE TREATMENT		
SETT. SOLIDS mg/1	2.5	
SUSP. SOLIDS mg/1	29.4	
BODs mg/l	4.3	4.3
AFTER TREATMENT		
SETT. SOLIDS mg/l	0.1	
SUSP. SOLIDS mg/1	2.9	
BOD5 mg/l	0.6	2.6
TOTAL CAPITAL COST (\$)	2.400.000	4,850,000
ANNUAL O&M COST (\$)	93,000	290,000
ANNOAL OWN COST (4)		11800 240
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.	51104	51104
REMOVED, LBS.	45,666.1	31580.1
% REMOVED	89.4	61.8
<b>V NO.10</b> (20		
CAPITAL COSTS/% REMOVAL (\$)	26,800	78,500
TREATMENT COST (¢/1000 gals)	8.5	21.0

#### CAPE ANN

TOWN GLOUCESTER	11(1)194	
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	830	
TOTAL STORM RUNOFF VOL.		
MIL. GAL.	21.9	
TOTAL STORMWATER POLLUTANTS		
SETT. SOLIDS, LBS.	229	
SUSP. SOLIDS, LBS.	2745	
BOD5	404	
STORMWATER TREATMENT		
TREAT. DESCRIP.	SP	SMD
VOLUME TREAT., MG	15.0	15.0
% TREATED	68.5	68.5
POLLUTANT REMOVALS		
SETT. SOLIDS, LBS.	217.5	217.5
SUSP. SOLIDS, LBS.	2470.5	1784.2
BOD5, LBS.	343.4	161.6
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	11.5	11.5
SUSP. SOLIDS, LBS.	274.5	960.8
BOD5, LBS.		242.4
AVG. POLLUTANT CONCENTRATIONS	5	
BEFORE TREATMENT		
SETT. SOLIDS mg/l		1.3
SUSP. SOLIDS mg/1	15.0	15.0
BOD5 mg/l	2.2	2.2
AFTER TREATMENT	0.00	0.00
SETT. SOLIDS mg/1		0.06
SUSP. SOLIDS mg/1		5.3
BOD5 mg/l	0.3	1.3
375 786 5 006 006 2	500,000	11 000
TOTAL CAPITAL COST (\$)	1,500,000	35,000
ANNUAL OEM COST (\$)	1,500,000	33,000
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.	3149	3149
REMOVED, LBS.	2813.9	1945.8
% REMOVED	89.4	61.8
* REMOVED		
CAPITAL COSTS/% REMOVAL (\$)	5,600	24,300
TREATMENT COST (¢/1000 gals)	15.0	33.1

#### CAPE ANN

TOWN ROCKPORT		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	1689	
TOTAL STORM RUNOFF VOL.	53.2	
MIL. GAL.		
TOTAL STORMWATER POLLUTAN SETT. SOLIDS, LBS.	742	
SUSP. SOLIDS, LBS.	8856	
BODs	1302	
STORMWATER TREATMENT		
TREAT. DESCRIP.	SP	
VOLUME TREAT., MG	36.5	
% TREATED	68.6	68.6
POLLUTANT REMOVALS	704.0	
SETT. SOLIDS, LBS.	704.9 7970.4	
SUSP. SOLIDS, LBS.	1106.7	
BOD5, LBS.	1100.7	520.6
POLLUTANTS DISCHARGED	37.1	37.1
SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS.	885.6	
BOD5, LBS.	195.3	781.2
AVG. POLLUTANT CONCENTRA		
BEFORE TREATMENT		
SETT. SOLIDS mg/1	1.7	
SUSP. SOLIDS mg/1	20.0	
BOD5 mg/l	2.9	2.9
AFTER TREATMENT	0.00	0.00
SETT. SOLIDS mg/l	0.08	
SUSP. SOLIDS mg/1	0.4	
BOD5 mg/l		
TOTAL CAPITAL COST (\$)	975 000	2,425,000
ANNUAL O&M COST (\$)	27,000	85,000
minoria ouri coba (4)		03,000
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LB		10158
REMOVED, LBS.	9077.1	6277.2
% REMOVED	. 89.4	61.8
	(4)	
CAPITAL COSTS/% REMOVAL	(\$) 10,900	39,200
TREATMENT COST (¢/1000 g	als) 10.7	28.7

### MANCHESTER HARBOR AREA

TOWN BEVERLY				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	625			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	19.0			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	283			
SUSP. SOLIDS, LBS.	3378			
BOD <sub>5</sub>	497			
STORMWATER TREATMENT				
TREAT. DESCRIP.		SP	SMD	MD
VOLUME TREAT., MG		13.0	13.0	13.0
% TREATED		68.4	68.4	68.4
POLLUTANT REMOVALS				
SETT. SOLIDS, LBS.		268.8	268.8	254.7
SUSP. SOLIDS, LBS.		3040.2	2195.7	
BOD5, LBS.		442.5	198.8	99.4
POLLUTANTS DISCHARGED				
SETT. SOLIDS, LBS.		14.2	14.2	28.3
SUSP. SOLIDS, LBS.		337.8	1182.3	1857.9
BOD5, LBS.		74.5	298.2	397.6
AVG. POLLUTANT CONCENTRATIONS	S			
BEFORE TREATMENT				
SETT. SOLIDS mg/1		1.8		1.8
SUSP. SOLIDS mg/1		21.3	21.3	21.3
BOD5 mg/l		3.1	3.1	3.1
AFTER TREATMENT				
SETT. SOLIDS mg/l		0.09		0.2
SUSP. SOLIDS mg/1		2.1	7.5	
BOD5 mg/l		0.5	1.9	2.5
TOTAL CAPITAL COST (\$)		425,000	1.400.000	2,000,000
ANNUAL O&M COST (\$)		10,000		
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		3875	3875	3875
REMOVED, LBS.		3462.7	2394.5	1619.5
% REMOVED .		89.4	61.8	41.8
CAPITAL COSTS/% REMOVAL (\$)		4,800	22,700	48,000
CALITAL COULTY & RESOURE (4)				
TREATMENT COST (¢/1000 gals)		13.7	14.7	80.4
IREATHERT COST (*/1000 gars)				

# STORMWATER MANAGEMENT SUMMARY MANCHESTER HARBOR AREA

TOWN	GLOUCESTER		
HERAN DEA	INAGE AREA		
YEAR	INAGII ANDA	2000	
ACRES		337	
	RM RUNOFF VOL.		
MIL.		9.2	
	RMWATER POLLUTANTS	200400110	
	SOLIDS, LBS.	119	
	SOLIDS, LBS.	1421	
BOD5		209	
STORMWATE	R TREATMENT		
TREAT	. DESCRIP.	SP	SMD
VOLUM	E TREAT., MG	6.3	
% TRE		68.5	68.5
	REMOVALS		
	SOLIDS, LBS.	113.0	
	SOLIDS, LBS.	1278.9	
BOD5,	LBS.	177.6	83.6
POLLUTANT	S DISCHARGED		MEDRIC RES
SETT.	SOLIDS, LBS.	6	6
SUSP.	SOLIDS, LBS.	142.1	
	LBS.	31.4	125.4
	UTANT CONCENTRATIONS		
	E TREATMENT	, ,	Market and
	SOLIDS mg/1	1.6 18.5	
	SOLIDS mg/1	2.7	
BOD5		2.1	2.1
	TREATMENT	0.08	0.08
	SOLIDS mg/l	1.9	
	SOLIDS mg/1	0.4	1.6
BOD5	mg/I	0.4	
TOTAL CAD	ITAL COST (\$)	250.000	1,050,000
	M COST (\$)	5.000	14,000
ANNOAL O	M COSI (3)		
STISP SOT	IDS + BOD5		
	E TREATMENT, LBS.	1630	1630
	ED, LBS.	1456.5	1007.2
	OVED	89.4	61.8
CAPITAL C	COSTS/% REMOVAL (\$)	2,800	17,000
TREATMENT	COST (¢/1000 gals)	15.2	59.2

## MANCHESTER HARBOR AREA

TOWN MANCHESTER			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	2980		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	78.4		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	589		
SUSP. SOLIDS, LBS.	7062		
BOD <sub>5</sub>	1038		
STORMWATER TREATMENT			
TREAT. DESCRIP.	SP		MD
VOLUME TREAT., MG	53.7		
% TREATED	68.5	68.5	68.5
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.	559.5		530.1
SUSP. SOLIDS, LBS.	6355.8		3177.9
BOD <sub>5</sub> , LBS.	882.3	415.2	207.6
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.	29.5		
SUSP. SOLIDS, LBS.		2471.7	
BOD <sub>5</sub> , LBS.	155.7	622.8	830.4
AVG. POLLUTANT CONCENTRATIONS	5		
BEFORE TREATMENT	0.9		0.9
SETT. SOLIDS mg/l	10.8		10.9
SUSP. SOLIDS mg/1	1.6		10.8
BOD5 mg/l AFTER TREATMENT	1.0	1.0	1.0
SETT. SOLIDS mg/l	0.05	0.05	0.1
SUSP. SOLIDS mg/1	1.1		
BOD5 mg/l	0.2		
BOD5 mg/1	0.2	1.0	
TOTAL CAPITAL COST (\$)	1.250,000	2,900,000	8,000,000
ANNUAL O&M COST (\$)	39,000		400,000
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	8100		
REMOVED, LBS.	7238.1		
% REMOVED	89.4	61.8	41.8
CAPITAL COSTS/% REMOVAL (\$)	14,000	46,900	191,000
TREATMENT COST (¢/1000 gals)	9.8	25.7	75.0

#### MANCHESTER HARBOR ARFA

TOWN	WENHAM		
	AINAGE AREA	2000	
YEAR ACRES		72	
	ORM RUNOFF VOL.	227	
MIL.		1.8	
	DRMWATER POLLUTANTS		
SETT	. SOLIDS, LBS.	23	
SUSP	. SOLIDS, LBS.	282	
BOD <sub>5</sub>		41	
	ER TREATMENT		NT
	T. DESCRIP.		NT
	ME TREAT., MG		
	T REMOVALS		
	. SOLIDS, LBS.		_
	. SOLIDS, LBS.		0.0
BOD5	, LBS.		-
POLLUTAN:	TS DISCHARGED		
SETT	. SOLIDS, LBS.		23
SUSP	. SOLIDS, LBS.		282
BOD5	, LBS.		41
	LUTANT CONCENTRATIO RE TREATMENT	NS	
	SOLIDS mg/l		1.5
	. SOLIDS mg/1		18.8
BOD5	mg/1		2.7
	R TREATMENT		
	. SOLIDS mg/l		1.5
	. SOLIDS mg/l		18.8
BOD5	mg/l		2.7
TOTAL CAL	PITAL COST (\$)		_
	&M COST (\$)		Y 4
SUSP. SOI	LIDS + BOD5		
BEFO	RE TREATMENT, LBS.		323
	VED, LBS.		THE REAL PROPERTY.
% REI	MOVED		
CARTTAL	COSTS/% REMOVAL (\$)		-
CAFTIAL	CODID/ & REMOVAL (\$)		
TDEATMENT	T COST (¢/1000 gals	0	
INDATTEN	cobi (7/1000 gais	100	

# STORMWATER MANAGEMENT SUMMARY MARBLEHEAD HARBOR - LYNN HARBOR AREA LOCAL NO. 3

TOWN LYNN			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	1739		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	64.7		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	1269		
	15085		
BOD5	2217		
STORMWATER TREATMENT			
TREAT. DESCRIP.	SP	SMD	MD
VOLUME TREAT., MG	44.4	44.4	44.4
% TREATED	68.6	68.6	68.6
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.	1205.5	1205.5	1142.1
SUSP. SOLIDS, LBS.	13576.5	9805.2	6788.2
BOD5, LBS.	1884.5	886.8	443.4
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.	63.5	63.5	126.9
SUSP. SOLIDS, LBS.	1508.5	5279.8	8296.8
BOD5, LBS.	332.5	1330.2	1773.6
AVG. POLLUTANT CONCENTRATIONS	3		
BEFORE TREATMENT			
SETT. SOLIDS mg/1	2.4	2.4	2.4
SUSP. SOLIDS mg/1	28.0		28.0
BOD <sub>5</sub> mg/l	4.1	4.1	4.1
AFTER TREATMENT			
SETT. SOLIDS mg/l	0.1	0.1	
SUSP. SOLIDS mg/l	2.8		
BOD5 mg/l	0.6	2.5	3.3
TOTAL CAPITAL COST (\$)	1,100,000	2,650,000	6,500,000
ANNUAL O&M COST (\$)	33,000	105,000	325,000
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	17302	17302	17302
REMOVED, LBS.	15461.0	10692.0	7231.6
% REMOVED	89.4	61.8	41.8
* REMOVED		01.0	41.0
CAPITAL COSTS/% REMOVAL (\$)	12,300	42,900	156,000
TREATMENT COST (¢/1000 gals)	10.2	27.0	75.7

#### MARBLEHEAD HARBOR - LYNN HARBOR AREA

TOWN MARBLEHEAD			
URBAN DRAINAGE AREA			
YEAR		2000	
ACRES		1219	
TOTAL STORM RUNOFF V			
MIL. GAL.		36.8	
TOTAL STORMWATER POI			
SETT. SOLIDS, LE		493	
SUSP. SOLIDS, LE		5890	
BOD5		866	
STORMWATER TREATMENT			
TREAT. DESCRIP.		SI	P SMD
VOLUME TREAT., N	1G	25.	3 25.3
% TREATED		68.	
POLLUTANT REMOVALS			
SETT. SOLIDS, LE	BS.	468.	4 468.4
SUSP. SOLIDS, LE	BS.	530	1 3828.5
BOD5, LBS.		736.	1 346.4
POLLUTANTS DISCHARGE	ED		
SETT. SOLIDS, LE	BS.	24.	6 24.6 9 2061.5
SUSP. SOLIDS, LE	BS.	589	9 2061.5
BOD5, LBS.		129.	519.6
AVG. POLLUTANT CONCE			
BEFORE TREATMENT			
SETT. SOLIDS mg/		1.	1.6
SUSP. SOLIDS mg/	1	19.	19.2
BOD5 mg/l		2.1	2.8
AFTER TREATMENT		0.00	
SETT. SOLIDS mg/		0.0	0.08
SUSP. SOLIDS mg/	/1	1.9	
BOD5 mg/l		0.	4 1.7
TOTAL CAPITAL COST	(S)	740,00	0 2,050,000
ANNUAL O&M COST (\$)	``	19,000	60,000
541. 5551 (+,			
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT	r, LBS.	675	
REMOVED, LBS.		6037.	1 4174:9
% REMOVED		89.	4 61.8
		8,30	33,200
CAPITAL COSTS/% REMO	OVAL (\$)	8,300	33,200
TREATMENT COST (¢/10	000 gals)	11.	7 33.6

# STORMWATER MANAGEMENT SUMMARY MARBLEHEAD HARBOR - LYNN HARBOR AREA LOCAL NO. 3

TOWN NAHANT	
URBAN DRAINAGE AREA	
YEAR	2000
ACRES	417
TOTAL STORM RUNOFF VOL.	
MIL. GAL.	12.8
TOTAL STORMWATER POLLUTANT	
SETT. SOLIDS, LBS.	183
SUSP. SOLIDS, LBS.	2192
BOD5	322
STORMWATER TREATMENT	
TREAT. DESCRIP.	SP SMD
VOLUME TREAT., MG % TREATED	8.8 8.8
POLLUTANT REMOVALS	68.7 68.7
SETT. SOLIDS, LBS.	173.8 173.8
SUSP. SOLIDS, LBS.	173.8 173.8 1972.8 1424.8
BOD5, LBS.	273.7 128.8
POLLUTANTS DISCHARGED	273.7
SETT. SOLIDS, LBS.	9.2 9.2
SUSP. SOLIDS, LBS.	219.2 767.2
BODS, LBS.	48.3 193.2
AVG. POLLUTANT CONCENTRATI	
BEFORE TREATMENT	
SETT. SOLIDS mg/1	1.7 1.7
SUSP. SOLIDS mg/1	20.5 20.5
BOD5 mg/l	3.0 3.0
AFTER TREATMENT	- Frame Triston
SETT. SOLIDS mg/l	0.09 0.09
SUSP. SOLIDS mg/1	2.1 7.2
BOD5 mg/l	0.5 1.8
TOTAL CAPITAL COST (\$)	325,000 1,250,000
ANNUAL OGM COST (\$)	7,000 24,000
SUSP. SOLIDS + BOD5	
BEFORE TREATMENT, LBS.	2514 2514
REMOVED, LBS.	2246.5 1553.6
% REMOVED	89.4 61.8
CAPITAL COSTS/% REMOVAL (\$	) 3,600 20,200
TREATMENT COST (¢/1000 gal	s) 14.3 53.8

#### MARBLEHEAD HARBOR - LYNN HARBOR AREA

TOWN SWAMPSCOTT		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	2000	
TOTAL STORM RUNOFF VOL.	1023	
MIL. GAL.	34.9	
TOTAL STORMWATER POLLUTANTS	34.9	
SETT. SOLIDS, LBS.	640	
SUSP. SOLIDS, LBS.	648 7715	
BOD5	1134	
STORMWATER TREATMENT	1134	
TREAT. DESCRIP.	an.	CVD
VOLUME TREAT., MG	SP	
% TREATED	23.9	23.9 68.5
POLLUTANT REMOVALS	68.5	68.5
	635.6	c15 c
SETT. SOLIDS, LBS.	615.6	615.6
SUSP. SOLIDS, LBS.	6943.5	5014.8
BOD5, LBS.	963.9	453.6
POLLUTANTS DISCHARGED		1945 In
SETT. SOLIDS, LBS.		32.4
SUSP. SOLIDS, LBS.	771.5	2700.2
BOD5, LBS.	170.1	680.4
AVG. POLLUTANT CONCENTRATIONS		
BEFORE TREATMENT	AND YEAR TRACE	HETO THAT U.L.
SETT. SOLIDS mg/l		2.2
SUSP. SOLIDS mg/1	26.5	26.5
BOD5 mg/l	3.9	3.9
AFTER TREATMENT		
SETT. SOLIDS mg/l		0.1
SUSP. SOLIDS mg/1		9.3
BOD5 mg/l	0.6	2.3
TOTAL CAPITAL COST (\$)	700,000	1,950,000
ANNUAL OEM COST (\$)	18,000	55,000
ANNOAL OUN COST (V)	20,000	
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.		8849
REMOVED, LBS.	7907.4	5468.4
% REMOVED	89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)	7,800	31,600
CHI IIAI CODID, & REPOVAL (\$)	(4) 341,29	Mi Phermo
TREATMENT COST (¢/1000 gals)	11.9	33.8
IREALITEMI COST (4/1000 gals)		33.0

#### BOSTON HARBOR

TOWN REVERE				
UDDAY DDATUACE ADDA				
URBAN DRAINAGE AREA	2000			
YEAR	339			
ACRES	339			
TOTAL STORM RUNOFF VOL.	13.2			
MIL. GAL.	13.2			
TOTAL STORMWATER POLLUTANTS	283			
SETT. SOLIDS, LBS.	3361			
SUSP. SOLIDS, LBS.	494			
BOD5	434			
STORMWATER TREATMENT		SP	SMD	
TREAT. DESCRIP.		9.0	9.0	
VOLUME TREAT., MG	*	68.2		
% TREATED		00.2	00.2	
POLLUTANT REMOVALS		268.8	268.8	
SETT. SOLIDS, LBS.		24.9	2184.6	
SUSP. SOLIDS, LBS.		19.9		
BOD5, LBS.	4.	19.9	197.6	
POLLUTANTS DISCHARGED		14.2	14.2	
SETT. SOLIDS, LBS.		36.1	1176.4	
SUSP. SOLIDS, LBS.		74.1	296.4	
BOD5, LBS.		/4.1	290.4	
AVG. POLLUTANT CONCENTRATIONS				
BEFORE TREATMENT		2 6	2.6	
SETT. SOLIDS mg/1		2.6	30.5	
SUSP. SOLIDS mg/l		4.5	4.5	
BOD5 mg/1		4.5	4.3	
AFTER TREATMENT		0.1	0.1	
SETT. SOLIDS mg/l		3.1	10.7	
SUSP. SOLIDS mg/1		0.7	2.7	
BOD5 mg/l		0.7	2.1	
momar capemar coom (A)	325	000	1,250,000	
TOTAL CAPITAL COST (\$)		,000	24,000	
ANNUAL O&M COST (\$)		,000	24,000	
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		3855	3855	
		44.8	2382.2	
REMOVED, LBS.		89.4	61.8	
% REMOVED		Transmit	mar at mars Ar	
CARTEST COCEC (S. DEMOURT (C)	1 1 2	,600	20,200	
CAPITAL COSTS/% REMOVAL (\$)				
MDES MARNIN COOM (A (1000 1-)		14.3	52.6	
TREATMENT COST (¢/1000 gals)			32.0	

## BOSTON HARBOR

TOWN WINTHROP				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	476			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	18.0			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	363			
SUSP. SOLIDS, LBS.	4328			
BOD5	637			
STORMWATER TREATMENT				
TREAT. DESCRIP.		SP	SMD	MD
VOLUME TREAT., MG		2.3	12.3	
% TREATED		8.3	68.3	
POLLUTANT REMOVALS			00.5	00.3
SETT. SOLIDS, LBS.	344	1 8	344 8	326.7
SUSP. SOLIDS, LBS.	389	5 2	2813.2	1947.6
BOD5, LBS.	541	1.5	254.8	127.4
POLLUTANTS DISCHARGED			234.0	127.4
SETT. SOLIDS, LBS.	18	3 2	18 2	36.3
SUSP. SOLIDS, LBS.	432	2 8	1514 8	2380.4
BOD5, LBS.		5.5		509.6
AVG. POLLUTANT CONCENTRATIONS			302.2	303.0
BEFORE TREATMENT				
SETT. SOLIDS mg/l		2.4	2.4	2.4
SUSP. SOLIDS mg/1		8.8		
BOD5 mg/1		1.2		4.2
AFTER TREATMENT		•••		
SETT. SOLIDS mg/l	(	1	0.1	0.2
SUSP. SOLIDS mg/1		2.9		
BOD5 mg/1		0.6		
BOD5 mg/1			2.3	
TOTAL CAPITAL COST (\$)	400.0	000	1 400 000	1,750,000
ANNUAL OWN COST (\$)		000	30,000	88,000
ANNUAL CAM COST (\$)			30,000	00,000
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.	40	965	4965	4965
REMOVED, LBS.		5.7	3068	
REMOVED, LBS.		9.4	61.8	
* REMOVED			01.0	71.0
CARTER COCHE (A DEMOURT (C)	4 5	500	22,700	42,000
CAPITAL COSTS/% REMOVAL (\$)	781 4	ALCOHOLD STATE	22,700	42,000
MDES MICHIE COCH (6/10001-)	1:	3.7	44.1	80.9
TREATMENT COST (¢/1000 gals)		P22302 RW	SEL SECTION OF	00.9

## QUINCY BAY

TOWN MILTON				
URBAN DRAINAGE AREA	2006			
YEAR	2000			
ACRES	222			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	6.3			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	82			
SUSP. SOLIDS, LBS.	983			
BOD5	144			
STORMWATER TREATMENT				
TREAT. DESCRIP.		NT	SP	SMD
VOLUME TREAT., MG			4.3	4.3
% TREATED		_	68.3	68.3
POLLUTANT REMOVALS				
SETT. SOLIDS, LBS.			77.9	77.9
SUSP. SOLIDS, LBS.			884.7	639
		Total Date	122.4	57.6
BOD5, LBS.			122.4	37.0
POLLUTANTS DISCHARGED		82	4.1	4.1
SETT. SOLIDS, LBS.		983	98.3	344
SUSP. SOLIDS, LBS.			21.6	
BOD5, LBS.		144	21.6	86.4
AVG. POLLUTANT CONCENTRATIO	ONS			
BEFORE TREATMENT			e deficiely to the	7060
SETT. SOLIDS mg/1		1.6	1.6	1.6
SUSP. SOLIDS mg/1		18.7	18.7	18.7
BOD5 mg/l		2.7	2.7	2.7
AFTER TREATMENT				
SETT. SOLIDS mg/l		1.6	0.08	0.08
SUSP. SOLIDS mg/1		18.7	1.9	6.5
BOD <sub>5</sub> mg/l		2.7	0.4	1.6
THE STATE OF THE PARTY OF THE PARTY.				
TOTAL CAPITAL COST (\$)		-	200,000	900,000
ANNUAL O&M COST (\$)		-	5,000	10,000
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		1127	1127	1127
REMOVED, LBS.			1007.1	696.6
% REMOVED			89.4	61.8
* REMOVED				
CAPITAL COSTS/% REMOVAL (\$		ST STRUCK	2,200	14,600
CAPITAL COSTS/ & REMOVAL (\$				
mpms myrnm cocm (6/1000 ==1	-1	AND COLOR	16.5	72.5
TREATMENT COST (¢/1000 gal	5)			

### QUINCY BAY

TOWN QUINCY			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	1802		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	62.1		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	1293		
SUSP. SOLIDS, LBS.	15413		
BOD5	2266		
STOPMWATER TREATMENT			
TREAT. DESCRIP.	9	SP SMD	MD
VOLUME TREAT., MG	42.		
% TREATED	68.		
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.	1228.	4 1228.4	1163.7
SUSP. SOLIDS, LBS.	13871.		
BOD5, LBS.	1926.		
POLLUTANTS DISCHARGED	1,20.	, ,,,,,	
SETT. SOLIDS, LBS.	64.	6 64.6	129.3
SUSP. SOLIDS, LBS.	1541.	2 5394 5	8477 2
BOD5, LBS.	339.		1812.8
AVG. POLLUTANT CONCENTRATIONS		, 1337.0	1
BEFORE TREATMENT			
SETT. SOLIDS mg/l	2.	5 2.5	2.5
	29.		
SUSP. SOLIDS mg/l BOD5 mg/l	4.		
AFTER TREATMENT			0.300
SETT. SOLIDS mg/1	0	1 0.1	0.2
		0 10.4	
SUSP. SOLIDS mg/1		7 2.6	
BOD <sub>5</sub> mg/1	•	2.0	A PAUL
TOTAL CAPITAL COST (\$)	1,040,00	0 2.525.000	6,000,000
ANNUAL OSM COST (\$)	31,00		300,000
ANNUAL CAM COST (\$)		200,000	
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	1767	19 17679	17679
REMOVED, LBS.	15797.		
% REMOVED	89.		
* REMOVED			
CAPITAL COSTS/% REMOVAL (\$)	11,600	40,900	144,000
	10		75.8
TREATMENT COST (¢/1000 gals)	10.2	2 27.3	73.8

# STORMWATER MANAGEMENT SUMMARY HINGHAM-HULL BAY LOCAL NO. 7

TOWN CO	HASSET			
URBAN DRAINAG	GE AREA			
YEAR		2000		
ACRES		433		
TOTAL STORM	RUNOFF VOL.			
MIL. GAL.		12.3		
	ATER POLLUTANTS			
	LIDS, LBS.	122		
	LIDS, LBS.	1462		
BOD5	1100, 1100.	215		
STORMWATER TI	DEAMMENT	213		
TREAT. DI			SP	CMD
			8.4	SMD
	REAT., MG		68.3	8.4
% TREATE			68.3	68.3
POLLUTANT RE			115 0	
	LIDS, LBS.		115.9	115.9
	LIDS, LBS.		1315.8	950.3
BOD5, LB	S.		182.8	86
POLLUTANTS D				
	LIDS, LBS.		6.1	6.1
SUSP. SO	LIDS, LBS.		146.2	511.7
BOD5, LB	S.		32.2	129
	NT CONCENTRATIONS			
BEFORE T	REATMENT			
SETT. SO	LIDS mg/l		1.2	1.2
SUSP. SO	LIDS mg/l		14.3	14.3
BODs mg/	1		2.1	2.1
AFTER TR	EATMENT			
SETT. SO	LIDS mg/l		0.06	0.06
	LIDS mg/l		1.4	5.0
BOD5 mg/			0.3	1.3
2023 11197				
TOTAL CAPITA	L COST (S)		290,000	1,200,000
ANNUAL OEM C			6,000	18,000
AMMOND OWN C	051 (4)			
SUSP. SOLIDS	+ BODe			
DEBUDE W	REATMENT, LBS.		1677	1677
			1498.6	
REMOVED,			89.4	61.8
* REMOVE			05.4	01.0
	C/S DEMOSTS /61		3,200	19,400
CAPITAL COST	S/% REMOVAL (\$)		3,200	19,400
	cm /4/10001-1		14 2	51.7
TREATMENT CO	ST (¢/1000 gals)			

#### STORMWATER MANAGEMENT SUMMARY

#### HINGHAM HARBOR - HULL BAY

TOWN HINGHAM			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	4000		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	119.1		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	1601		
SUSP. SOLIDS, LBS.	19089		
BOD5	2807		
STORMWATER TREATMENT			
TREAT. DESCRIP.	SP	SMD	
VOLUME TREAT., MG	81.7	81.7	
% TREATED	68.6	68.6	
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.	1521		
SUSP. SOLIDS, LBS.	17180.1		
BOD5, LBS.	2386	1122.8	
POLLUTANTS DISCHARGED		Market Control	
SETT. SOLIDS, LBS.	80		
SUSP. SOLIDS, LBS.	1908.9		
BOD5, LBS.	421	1684.2	
AVG. POLLUTANT CONCENTRATION	S		
BEFORE TREATMENT	1.6	CHARLES THE	
SETT. SOLIDS mg/l	1.6	1.6 19.2	
SUSP. SOLIDS mg/l	2.8	2.8	
BOD5 mg/l	2.0	2.0	
AFTER TREATMENT	0.08	0.08	
SETT. SOLIDS mg/1	1.9	6.7	
SUSP. SOLIDS mg/1 BOD5 mg/1	0.4	1.7	
BOD5 mg/1			
TOTAL CAPITAL COST (\$)	1.725.000	3,750,000	
ANNUAL OEM COST (\$)		195,000	
minoria ouri cost (4)			
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	21896		
REMOVED, LBS.	19566.1	13530.6	
% REMOVED	89.4	61.8	
CAPITAL COSTS/% REMOVAL (\$)	19,300	60,700	
TREATMENT COST (¢/1000 gals)	9.0	23.2	
INEATHERT COST (4/1000 gals)	7.80 李宝色		

#### HINGHAM HARBOR-HULL BAY LOCAN NO. 7

TOWN HULL		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	904	
TOTAL STORM RUNOFF VOL.		
MIL. GAL.	29.6	
TOTAL STORMWATER POLLUTANTS	23.0	
	661	
SETT. SOLIDS, LBS.	7896	
SUSP. SOLIDS, LBS.	1161	
BOD <sub>5</sub>	1101	
STORMWATER TREATMENT	SP	SMD
TREAT. DESCRIP.		
VOLUME TREAT., MG	20.3 68.6	68.6
% TREATED	08.0	00.0
POLLUTANT REMOVALS	500	c20
SETT. SOLIDS, LBS.	628	628 5132.4
SUSP. SOLIDS, LBS.		
SUSP. SOLIDS, LBS. BOD5, LBS.	986.8	464.4
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	33	33
SUSP. SOLIDS, LBS.	789.6	2763.6
BOD5, LBS.	174.2	696.6
AVG. POLLUTANT CONCENTRATIONS		
BEFORE TREATMENT		
SETT. SOLIDS mg/1	2.7	2.7
SUSP. SOLIDS mg/1	32.0	
BOD5 mg/1	4.7	4.7
AFTER TREATMENT		
SETT. SOLIDS mg/1	0.1	0.1
SUSP. SOLIDS mg/1	3.2	11.2
BOD5 mg/1	0.7	2.8
Dobb mg/ 1		
TOTAL CAPITAL COST (\$)	635,000	1,850,000
ANNUAL OSM COST (\$)		55,000
ANNUAL CAM COST (4)		
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.	9057	9057
	8093.2	
REMOVED, LBS.	89.4	
% REMOVED		
	7,100	29,900
CAPITAL COSTS/% REMOVAL (\$)		
	14.8	38.2
TREATMENT COST (¢/1000 gals)		

## HINGHAM HARBOR - HULL BAY

TOWN NORWELL				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	174			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	5.7			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	72			
SUSP. SOLIDS, LBS.	856			
BODs	126			
STORMWATER TREATMENT	120			
TREAT. DESCRIP.		NT	SP	SMD
VOLUME TREAT., MG		NI	3.9	
% TREATED				3.9
POLLUTANT REMOVALS			68.4	68.4
			<b></b>	
SETT. SOLIDS, LBS.		- wild	68.4	68.4
SUSP. SOLIDS, LBS.			770.4	556.4
BOD5, LBS.		-	107.1	50.4
POLLUTANTS DISCHARGED				
SETT. SOLIDS, LBS.		72	3.6	3.6
SUSP. SOLIDS, LBS.		856	85.6	299.6
BOD5, LBS.		126	18.9	75.6
AVG. POLLUTANT CONCENTRATIONS				
BEFORE TREATMENT				
SETT. SOLIDS mg/l		1.5	1.5	1.5
SUSP. SOLIDS mg/1		18.0	18.0	18.0
BOD <sub>5</sub> mg/l		2.7	2.7	2.7
AFTER TREATMENT				
SETT. SOLIDS mg/l		1.5	0.08	0.08
SUSP. SOLIDS mg/l		18.0	1.8	6.3
BOD5 mg/l		1.5	0.4	1.6
TOTAL CAPITAL COST (\$)		- 1	190,000	800,000
ANNUAL O&M COST (\$)		-	4,000	10,000
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		982	982	982
REMOVED, LBS.			877.5	606.8
% REMOVED		-1	89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)		१३) हेत्रश	2,100	12,900
TREATMENT COST (¢/1000 gals)		almo = 0 01	20.4	72.2

#### HINGHAM HARBOR - HULL BAY

TOWN	ROCKLAND		
URBAN DRAI	NACE APEA		
YEAR		2000	
ACRES		107	
	M RUNOFF VOL.		
MIL. G		2.3	
	MWATER POLLUTANTS		
	SOLIDS, LBS.	21	
	SOLIDS, LBS.	258	
BOD5		38	
STORMWATER	TREATMENT		
TREAT.	DESCRIP.		NT
VOLUME	TREAT., MG		-
% TREA			-
POLLUTANT	REMOVALS		
SETT.	SOLIDS, LBS.		-
SUSP.	SOLIDS, LBS.		-
BOD5,	LBS.		-
POLLUTANTS	DISCHARGED		
SETT.	SOLIDS, LBS.		21
SUSP.	SOLIDS, LBS.		258
BOD5,	LBS.		38
	TANT CONCENTRATIONS		
	TREATMENT		
	SOLIDS mg/l		1.1
	SOLIDS mg/l		13.5
BOD5 m			2.0
	TREATMENT		
SETT.	SOLIDS mg/1		1.1
	SOLIDS mg/1		13.5
BOD5 m	g/1		2.0
TOTAL CAPT	TAL COST (\$)		- 13
ANNUAL OEM			-
SUSP. SOLI	DS + BOD5		
BEFORE	TREATMENT, LBS.		296
REMOVE	D, LBS.		-
% REMO	VED		•
CAPITAL CO	STS/% REMOVAL (\$)		(8) <b>=</b> 40
TREATMENT	COST (¢/1000 gals)		-01

#### HINGHAM HARBOR - HULL BAY

TOWN	WEYMOUTH		
HERAN DE	AINAGE AREA		
YEAR		2000	
ACRE		274	
	ORM RUNOFF VOL.		
	GAL.	7.7	
	ORMWATER POLLUTANTS		
The state of the s	. SOLIDS, LBS.	88	
	. SOLIDS, LBS.	1053	
BOD5		155	
	ER TREATMENT		
	T. DESCRIP.	SP	SMD
	ME TREAT., MG	5.3	5.3
% TR	EATED	68.8	68.8
POLLUTAN	T REMOVALS		
SETT	. SOLIDS, LBS.	83.6	83.6
SUSP	. SOLIDS, LBS.	947.7	684.5
BOD <sub>5</sub>	, LBS.	131.8	62
POLLUTAN	TS DISCHARGED		
	. SOLIDS, LBS.	4.4	4.4
	. SOLIDS, LBS.	105.3	368.5
BOD5	, LBS.	23.2	93
AVG. POL	LUTANT CONCENTRATIONS		
	RE TREATMENT		
	. SOLIDS mg/1	1.4	1.4
	. SOLIDS mg/1	16.4	16.4
	mg/1	2.4	2.4
	R TREATMENT		mandon, AI
	. SOLIDS mg/1	0.07	0.07
	. SOLIDS mg/1	1.6	5.7
BOD5	mg/l	0.4	1.4
0.00	CARREL WILLIAM CONTRACTOR	200,000	950,000
	PITAL COST (\$)	5,000	11,000
ANNUAL O	&M COST (\$)	3,000	11,000
SUSP. SO	LIDS + BOD5		
BEFO	RE TREATMENT, LBS.	1208	1208
	VED, LBS.	1079.5	746.5
	MOVED	89.4	61.8
905	100 - 100	2,200	15,400
CAPITAL	COSTS/% REMOVAL (\$)	2,200	15,400
TREATMEN	T COST (¢/1000 gals)	16.5	62.4
INDATHEN	- CODI (+/ LOUG Gals)		

### COHASSET HARBOR - SCITUATE HARBOR

TOWN	COHASSET		
URBAN DR	AINAGE AREA		
YEAR		2000	
ACRE	S	2633	
TOTAL ST	ORM RUNOFF VOL.		
MIL.	GAL.	73.0	
	ORMWATER POLLUTANTS		
	. SOLIDS, LBS.	657	
	. SOLIDS, LBS.	7871	
BOD5		1158	
	ER TREATMENT		
	T. DESCRIP.	SP	SMD
	ME TREAT., MG	50.1	
	EATED	68.6	68.6
	T REMOVALS		
	. SOLIDS, LBS.	624.2	624.2
	. SOLIDS, LBS.		5116.2
BODe	, LBS.	984.3	463.2
POLLUTAN	TS DISCHARGED		
	. SOLIDS, LBS.	32.8	32.8
SIISD	. SOLIDS, LBS.	787.1	2754.8
BODE	, LBS.	173.7	694.8
	LUTANT CONCENTRATIONS		
	RE TREATMENT	SMORT ACTIVITIES	
	. SOLIDS mg/l	1.1	1.1
CHED	. SOLIDS mg/1	12.9	12.9
BODE	mg/1	1.9	1.9
	R TREATMENT		
	. SOLIDS mg/l	0.05	0.05
	. SOLIDS mg/1	1.3	4.5
	mg/1	0.3	3 103 1.1
BOD5	mg/1		
TOTAL CA	PITAL COST (\$)	1,200,000	2,800,000
	&M COST (\$)	38,000	115,000
ANNUAL O	ar Cost (5)		TROP MAD IN
CHED CO	TIDE + BOD-		
	LIDS + BOD5 RE TREATMENT, LBS.	9029	9029
		8068.2	
	VED, LBS.	89.4	61.8
* RE	MOVED		erroresensus &
CAPTTAL	COSTS/% REMOVAL (\$)	13,400	45,300
CALITAD	CODID/ & REPORTE (4)	(B) CAVGREE	SABTRED TAR
TREATMEN	T COST (¢/1000 gals)	10.0	26.2
		A STATE OF STREET STATE OF STREET	

# STORMWATER MANAGEMENT SUMMARY COHASSET HARBOR - SCITUATE HARBOR

TOWN NORWELL			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	170		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	5.6		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	71		
SUSP. SOLIDS, LBS.	844		
BOD5	124		
STORMWATER TREATMENT			
TREAT. DESCRIP.	NT	SP	SMD
VOLUME TREAT., MG		3.8	3.8
% TREATED		67.9	67.9
POLLUTANT REMOVALS		0,.,	0,
SETT. SOLIDS, LBS.		67.5	67.5
SUSP. SOLIDS, LBS.		759.6	548.6
BOD5, LBS.		105.4	49.6
POLLUTANTS DISCHARGED		103.4	49.0
SETT. SOLIDS, LBS.	71	3.5	3.5
	844		295.4
SUSP. SOLIDS, LBS. BOD5, LBS.	124		74.4
AVG. POLLUTANT CONCENTRATIONS	124	10.0	14.4
BEFORE TREATMENT			
	0.8	0.8	0.8
SETT. SOLIDS mg/l	9.0		9.0
SUSP. SOLIDS mg/1	1.3		1.3
BOD <sub>5</sub> mg/l	1.3	1.3	1.3
AFTER TREATMENT		0.04	0.04
SETT. SOLIDS mg/l	0.8		
SUSP. SOLIDS mg/1	9.0		3.2
BOD5 mg/l	1.3	0.2	0.8
TOTAL CAPITAL COST (\$)		190,000	800,000
ANNUAL O&M COST (\$)		4,000	10,000
00 0 v vid			1.44.7844
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	968	968	968
REMOVED, LBS.	381_7	865	598.2
% REMOVED	-	89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)		2,100	12,900
Control of the contro		COPIETE NEILE	SESTIAL
TREATMENT COST (¢/1000 gals)	_	20.4	72.2
TREATMENT COST (4/1000 gals)	to I am fine	15101 1045 3	ASTROMAS.RS

# STORMWATER MANAGEMENT SUMMARY COHASSET HARBOR - SCITUATE HARBOR LOCAL NO. 8

TOWN	SCITUATE		
UDDAN D	RAINAGE AREA		
YEA YEA		2000	
		4938	
ACR		4936	
	TORM RUNOFF VOL.	131.7	
	. GAL.	131./ DEVAREBLE	
	TORMWATER POLLUTANTS	11040	
	T. SOLIDS, LBS.	1042	
SUS	P. SOLIDS, LBS.	12491	
BOD		1836	
	TER TREATMENT		
TRE	AT. DESCRIP.	SP	SMD
VOL	UME TREAT., MG	90.3	90.3
* T	REATED	68.6	68.6
POLLUTA	NT REMOVALS		
	T. SOLIDS, LBS.	989.9	989.9
SUS	P. SOLIDS, LBS.	11241.9	8119.2
BOD	5, LBS.	1560.6	734.4
POLLUTA	NTS DISCHARGED		
	T. SOLIDS, LBS.	52.1	52.1
	P. SOLIDS, LBS.	1249.1	4371.8
		275.4	1101.6
	5, LBS.		
	LLUZANT CONCENTRATION	NS .	
	ORE TREATMENT	0.9	0.9
	T. SOLIDS mg/1	11.4	11.4
	P. SOLIDS mg/1	1.7	1.7
	5 mg/l	1.7	THEREPASSIT A
	ER TREATMENT	0.05	ne 401 A Ac
	T. SOLIDS mg/l	0.05	0.05
	P. SOLIDS mg/1	1.1	4.0
BOD	5 mg/l	0.3	1.0
on max +			
	APITAL COST (\$)	1,875,000	
ANNUAL	O&M COST (\$)	68,000	210,000
SUSP. S	OLIDS + BOD5		
	ORE TREATMENT, LBS.	14327	14327
	OVED, LBS.	12802.5	
	EMOVED	89.4	61.8
CAPTTAL	COSTS/% REMOVAL (\$)	21,000	64,700
On IIM	CODED, C MANOTAL (V)		
MDE S MME	NT COST (¢/1000 gals)	8.8	22.7
TREATME	MI COSI (4/1000 Gals)		

Spill and

#### GREEN HARBOR - DUXBURY BAY

#### LOCAL NO. 9

TOWN DUXBURY				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	3817			
TOTAL STORM RUNOFF VOL.	n.c. h.l.			
MIL. GAL.	104.4			
TOTAL STORMWATER POLLUTANTS			s spirited and	
SETT. SOLIDS, LBS.	940			13.25
SUSP. SOLIDS, LBS.	1,252			
BOD <sub>5</sub>	1,655			
STORMWATER TREATMENT			PRINTER AND AND AND A	
TREAT. DESCRIP.			SMD	
VOLUME TREAT., MG		71.6	71.6	
% TREATED		68.6	68.6	
POLLUTANT REMOVALS			Albert of Theorem	
SETT. SOLIDS, LBS.		893		
SUSP. SOLIDS, LBS.		10,126.8	7,313.8	
BOD <sub>5</sub> , LBS.		1,406.8	662	
POLLUTANTS DISCHARGED				
SETT. SOLIDS, LBS.		1,125.2	47	
SUSP. SOLIDS, LBS.		1,125.2	3,938.2	
BOD <sub>5</sub> , LBS.		248.2	993	
AVG. POLLUTANT CONCENTRATIONS	3			
BEFORE TREATMENT			1.1	
SETT. SOLIDS mg/l		12.9		
SUSP. SOLIDS mg/1		1.9	1.9	
BOD <sub>5</sub> mg/l		1.9	1.9	
AFTER TREATMENT		0.05	0.05	
SETT. SOLIDS mg/l		0.03	0.05 4.5	
SUSP. SOLIDS mg/1		0.3		
BOD5 mg/l		0.3	1.1	
TOTAL CAPITAL COST (\$)		1,500,000	3.400.000	
ANNUAL O&M COST (\$)		52,000	165,000	
ANNOAL CAM COSI (\$)		32,000	103,000	
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		12,907	12,970	
REMOVED, LBS.		11,533.6	7,975.8	
% REMOVED		89.4	7,975.8 61.8	
CAPITAL COSTS/% REMOVAL (\$)		16,800	55,000	
		Carl Comp. (Carl)		
TREATMENT COST (¢/1000 gals)		9.2	24.0	

The second secon

# STORMWATER MANAGEMENT SUMMARY GREEN HARBOR - DUXBURY BAY LOCAL NO. 9

TOWN	MARSHFIELD			
URBAN DRA	AINAGE AREA			
YEAR		2000		
ACRES		1218		
	ORM RUNOFF VOL.	KAT		
MIL.		37.0		
	ORMWATER POLLUTANTS			
	SOLIDS, LBS.	589		
CIICD	SOLIDS, LBS.	5903		
BOD5	. Bollibs, Lbs.	869		
	ER TREATMENT	003		
	T. DESCRIP.		SP	SMD
	ME TREAT., MG		25.4	
	EATED		68.6	
			00.0	00.0
	T REMOVALS		559.6	559.6
	. SOLIDS, LBS.		5,312.7	
	. SOLIDS, LBS.		738.6	3637
BOD5,	LBS.		738.6	347.6
	TS DISCHARGED		29.4	20.4
	. SOLIDS, LBS.		590.3	
	SOLIDS, LBS.		130.4	521.4
	LBS.		130.4	521.4
	LUTANT CONCENTRATIONS			Established States
	RE TREATMENT			1.9
	SOLIDS mg/l		1.9 19.1	1.9
	. SOLIDS mg/1			
	mg/l		2.8	2.8
	RTREATMENT			ing restriction
	SOLIDS mg/l		0.1	
	SOLIDS mg/1		1.9	
BOD5	mg/1		0.4	1.7
TOTAL CAR	PITAL COST (\$)		750,000	2,000,000
	M COST (\$)			60,000
AMMOAD O	in cost (v)			
SUSP. SOI	LIDS + BOD5		**************************************	
BEFOR	RE TREATMENT, LBS.			6772
REMOV	/ED, LBS.		6051.3	
* REM	OVED		89.4	61.8
CAPITAL C	COSTS/% REMOVAL (\$)		8,400	32,000
TREATMENT	COST (¢/1000 gals)		11.7	33.0

## GREEN HARBOR - DUXBURY BAY

TOWN PEMBROKE				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	2000 317			
TOTAL STORM RUNOFF VOL.	317			
MIL. GAL.	7.9			
TOTAL STORMWATER POLLUTANTS	1.9			
SETT. SOLIDS, LBS.	52			
SUSP. SOLIDS, LBS.	625			
BOD5	92			
STORMWATER TREATMENT	,,			
TREAT. DESCRIP.		NT	SP	SMD
VOLUME TREAT., MG			5.4	the state of the s
% TREATED			68.4	
POLLUTANT REMOVALS			00.4	
SETT. SOLIDS, LBS.			49.4	49.4
SUSP. SOLIDS, LBS.			562.5	
BOD5, LBS.			78.2	
POLLUTANTS DISCHARGED				30.0
SETT. SOLIDS, LBS.		52	2.6	216
SUSP. SOLIDS, LBS.		625	625	218.8
BOD5, LBS.		92	13.8	
AVG. POLLUTANT CONCENTRATIONS				
BEFORE TREATMENT				
SETT. SOLIDS mg/l		0.8	0.8	0.8
SUSP. SOLIDS mg/1		9.5	9.5	9.5
BODs mg/l		1.4	1.4	1.4
AFTER TREATMENT				
SETT. SOLIDS mg/l		0.8	0.8	0.8
SUSP. SOLIDS mg/1		9.5	0.9	3.3
BODs mg/1		1.4	0.2	0.8
000-002				
TOTAL CAPITAL COST (\$)				1,000,000
ANNUAL O&M COST (\$)			5,000	15,000
SUSP. SOLIDS + BOD5		717	717	717
BEFORE TREATMENT, LBS.		/1/	640.7	443.0
REMOVED, LBS.			89.4	61.8
% REMOVED			09.4	01.0
CAPITAL COSTS/% REMOVAL (\$)		- (*) <u>-</u> 20/04	2,200	16,200
TREATMENT COST (¢/1000 gals)		ARTES ANDS	19.5	67.0

# STORMWATER MANAGEMENT SUMMARY MERRIMACK RIVER BASIN

TOWN BOXFORD			
URBAN DRAINAGE AREA YEAR	2000		
ACRES	175		
TOTAL STORM RUNOFF VOL. MIL. GAL.	4.3		
TOTAL STORMWATER POLLUTANTS	0.1		
SETT. SOLIDS, LBS.	27		
SUSP. SOLIDS, LBS.	324		
BOD5	48		
STORMWATER TREATMENT			
TREAT. DESCRIP.		NT	SP
VOLUME TREAT., MG			2.9
% TREATED		-	67.4
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.			25.7
SUSP. SOLIDS, LBS.		-	291.6
BOD <sub>5</sub> , LBS.		-	40.8
POLLUTANTS DISCHARGED		27	1.3
SETT. SOLIDS, LBS.			32.4
SUSP. SOLIDS, LBS.			7.2
BOD <sub>5</sub> , LBS.		40	1.2
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT		0.8	0.8
SETT. SOLIDS mg/l			9.0
SUSP. SOLIDS mg/1		1.3	
BOD5 mg/l AFTER TREATMENT			
SETT. SOLIDS mg/1		0.8	0.04
SUSP. SOLIDS mg/1		9.0	0.9
BOD5 mg/1		1.3	0.2
2023 119/2			
TOTAL CAPITAL COST (\$)		•	150,000
ANNUAL O&M COST (\$)		- 1	3,000
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.		372	372
REMOVED, LBS.			332.4
% REMOVED		-	89.4
CAPITAL COSTS/% REMOVAL (\$)		18) 3#	1,700
TREATMENT COST (¢/1000 gals)		-	20.0
The strains out (7/1000 gals)		restan o	ON I AS THE

# STORMWATER MANAGEMENT SUMMARY MERRIMACK RIVER BASIN

TOWN CHELMSFORD				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	1088			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	28.5			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	321			
SUSP. SOLIDS, LBS.	3845			
BOD5	565			
STORMWATER TREATMENT				
TREAT. DESCRIP.		SP	SMD	MD
VOLUME TREAT., MG		19.6	19.6	19.6
% TREATED		68.8	68.8	68.8
POLLUTANT REMOVALS				
SETT. SOLIDS, LBS.		305	305	288.9
SUSP. SOLIDS, LBS.		3,460.5	A CONTRACTOR OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUM	
BOD5, LBS.		480.2	226	
POLLUTANTS DISCHARGED		100.2		
SETT. SOLIDS, LBS.		16	16	32.1
SUSP. SOLIDS, LBS.		384.5	1,345.8	
BOD5, LBS.		84.8	339	452
AVG. POLLUTANT CONCENTRATIONS			337	
BEFORE TREATMENT				
SETT. SOLIDS mg/l		1.4	1.4	1.4
SUSP. SOLIDS mg/1		16.2	16.2	16.2
BOD5 mg/1		2.4	2.4	2.4
AFTER TREATMENT				2.4
SETT. SOLIDS mg/l		0.07	0.07	0.1
SUSP. SOLIDS mg/1		1.6	5.7	8.9
		0.4	1.4	1.9
BOD <sub>5</sub> mg/l		v. •	***	1.9
TOTAL CAPITAL COST (\$)		625 000	1,800,000	3,000,000
ANNUAL OSM COST (\$)		15,000	50,000	
ANNUAL OWN COST (\$)		13,000	30,000	130,000
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		4,410	4,410	4,410
		3,940.7	2,725.2	1,843.2
REMOVED, LBS.		89.4	61.8	41.8
* KEROVED				
CAPITAL COSTS/% REMOVAL (\$)		7,000	29,100	72,000
18.0		(a.bea. 1)	COST. (4/1.00	THEMTAGRE
TREATMENT COST (¢/1000 gals)		12.5	38.0	78.5

TOWN TEWKSBURY				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	940			
TOTAL STORM RUNOFF VOL.	340			
MIL. GAL.	31.8			TOTAL ST
TOTAL STORMWATER POLLUTANTS	31.0			
SETT. SOLIDS, LBS.	516			
SUSP. SOLIDS, LBS.	6118			
BOD5	900			
STORMWATER TREATMENT	296			
TREAT. DESCRIP.		SP	SMD	
VOLUME TREAT., MG		21.8	21.8	
% TREATED		68.6	68.6	
POLLUTANT REMOVALS				
SETT. SOLIDS, LBS.		490.2	490.2	
SUSP. SOLIDS, LBS.		5,406.2	3,976.7	
BOD5, LBS.		765		
POLLUTANTS DISCHARGED				
SETT. SOLIDS, LBS.		25.8	25.8	
SUSP. SOLIDS, LBS.		611.8		
BOD5, LBS.		135		
AVG. POLLUTANT CONCENTRATIONS				
BEFORE TREATMENT		amoi Tart		
SETT. SOLIDS mg/l		1.9	1.9	
SUSP. SOLIDS mg/1		23.1	23.1	
BOD <sub>5</sub> mg/1		3.4	3.4	
AFTER TREATMENT				
SETT. SOLIDS mg/l		0.1	0.1	
SUSP. SOLIDS mg/1		2.3		
BOD5 mg/1		0.5	2.0	
是 [ ]				
TOTAL CAPITAL COST (\$)			1,900,000	
ANNUAL OEM COST (\$)		17,000	55,000	
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		7,018	7,018	
REMOVED, LBS.			4336.7	
* REMOVED		89.4	61.8	
8-19 8-446 8-26				
CAPITAL COSTS/% REMOVAL (\$)		7,300	30,700	
confar		131 15	CHEROLE, FAIRLY	
TREATMENT COST (¢/1000 gals)		12.0	34.5	MEST AND A STATE
		AND AND A		

TOWN WESTFORD	
URBAN DRAINAGE AREA	
YEAR	2000
ACRES	42
TOTAL STORM RUNOFF VOL.	D - 61
MIL. GAL.	0.8
TOTAL STORMWATER POLLUTAN	
SETT. SOLIDS, LBS.	20 118 9
SUSP. SOLIDS, LBS.	108
BOD5	16
STORMWATER TREATMENT	
TREAT. DESCRIP.	NT
VOLUME TREAT., MG	
% TREATED	
POLLUTANT REMOVALS	
SETT. SOLIDS, LBS.	
SUSP. SOLIDS, LBS.	
SUSP. SOLIDS, LBS. BOD5, LBS.	_
POLLUTANTS DISCHARGED	
SETT. SOLIDS, LBS.	9
SUSP. SOLIDS, LBS.	108
BOD5, LBS.	16
AVG. POLLUTANT CONCENTRAT	TONS
BEFORE TREATMENT	
SETT. SOLIDS mg/1	1.3
SUSP. SOLIDS mg/1	16.2
BODs mg/1	2.4
AFTER TREATMENT	
	1.3
SETT. SOLIDS mg/l SUSP. SOLIDS mg/l	16.2
BOD5 mg/1	2.4
130 .000 7 "307 .300 .5 . 000	
TOTAL CAPITAL COST (\$)	
ANNUAL OEM COST (\$)	
AL AL SERVICE	
SUSP. SOLIDS + BOD5	
BEFORE TREATMENT, LBS	. 124
REMOVED, LBS.	
8 REMOVED	783 -
	The state of the s
CAPITAL COSTS/8 REMOVAL (	\$)
25	ve to 5 cm

TREATMENT COST (¢/1000 gals)

TOWN ARLINGTON			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	2319		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	79.6		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	1493		
SUSP. SOLIDS, LBS.	17,817		
BODs	2619		
STORMWATER TREATMENT			
TREAT. DESCRIP.	S	P SMD	MD
VOLUME TREAT., MG	54.	6 54.6	54.6
% TREATED	68.	6 68.6	68.6
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.	1418.		
SUSP. SOLIDS, LBS.	16035.		
BOD5, LBS.	2226.	1 1047.6	523.8
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.	74.	6 74.6	
SUSP. SOLIDS, LBS.	1781.		
BOD5, LBS.	392.	9 1571.4	2095.2
AVG. POLLUTANT CONCENTRATION	NS		
BEFORE TREATMENT		managana ana ana	
SETT. SOLIDS mg/l	2.		2.2
SUSP. SOLIDS mg/1	26.		
BOD <sub>5</sub> mg/l	3.	9 3.9	3.9
AFTER TREATMENT			. Lineau
SETT. SOLIDS mg/1	0.		0.2
SUSP. SOLIDS mg/1	2.		14.8
BOD5 mg/1	0.	6 2.4	3.2
TOTAL CAPITAL COST (\$)	1,275,00	0 3,000,000	8,000,000
ANNUAL OEM COST (\$)	41,00		
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	20,43	6 20,436	20,436
REMOVED, LBS.	18,261.		
* REMOVED	89.		41.8
V REPOVED		, 84 M (G)	
CAPITAL COSTS/% REMOVAL (\$)	14,30	0 48,500	191,000
	(8)	AVONOR FLEDRO	ta matreas
TREATMENT COST (¢/1000 gale)	9.	8 25.5	75.0

POLLUTANT REMOVALS SETT. SOLIDS, LBS. 931 931 88 SUSP. SOLIDS, LBS. 10530 7605 526 BOD5, LBS. 1462.9 688.4 344.  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 49 49 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	TOWN BELMONT			
YEAR ACRES 1350  TOTAL STORM RUNOFF VOL. MIL. GAL. 44.4  TOTAL STORWATER POLLUTANTS SETT. SOLIDS, LBS. 980 SUSP. SOLIDS, LBS. 11,700 BOD5 1721  STORWATER TREATMENT TREAT. DESCRIP. SP SMD MD VOLUME TREAT., MG 30.5 30.5 30. % TREATED 68.7 68.7 68.  POLLUTANT REMOVALS SETT. SOLIDS, LBS. 931 931 88 SUSP. SOLIDS, LBS. 931 931 88 SUSP. SOLIDS, LBS. 10530 7605 526 BOD5, LBS. 1462.9 688.4 344.  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 49 49 49 50 SUSP. SOLIDS, LBS. 1170 4095 644 BOD5, LBS. 258.1 1032.6 1376.  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 2.6 2.6 2.6 2. SUSP. SOLIDS mg/1 31.6 31.6 31.6 31. BOD5 mg/1 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6	IIDBAN DDATNAGE ADEA			
ACRES 1350  TOTAL STORM RUNOFF VOL. MIL. GAL. 44.4  TOTAL STORWMATER POLLUTANTS SETT. SOLIDS, LBS. 980 SUSP. SOLIDS, LBS. 11,700 BOD5 1721  STORWMATER TREATMENT TREAT. DESCRIP. SP SMD MD VOLUME TREAT., MG 30.5 30.5 30.5 % TREATED 68.7 68.7 68.7  POLLUTANT REMOVALS SETT. SOLIDS, LBS. 931 931 88 SUSP. SOLIDS, LBS. 931 931 88 SUSP. SOLIDS, LBS. 10530 7605 526 BOD5, LBS. 10530 7605 526 SUSP. SOLIDS, LBS. 10530 7605 526 SUSP. SOLIDS, LBS. 10530 7605 526 SUSP. SOLIDS, LBS. 10530 7605 526 BOD5, LBS. 10530 7605 526 BOD5, LBS. 10530 7605 526 SUSP. SOLIDS, LBS. 10530 7605 526 SUSP. SOLIDS, LBS. 10530 7605 526 SUSP. SOLIDS MBS. 10530 7605 526 SUSP. SOLIDS HOD5 BEFORE TREATMENT, LBS. 13,421 13,421 13,421 REMOVED 89.4 61.8 41.6		2000		
TOTAL STORM RUNOFF VOL.  MIL. GAL.  MIL. GAL.  TOTAL STORMWATER POLLUTANTS  SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  11,700  BOD5  STORMWATER TREATMENT  TREAT. DESCRIP.  VOLUME TREAT., MG  **TREATED  POLLUTANT REMOVALS  SETT. SOLIDS, LBS.  SETT. SOLIDS, LBS.  BOD5, LBS.  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS.  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS.  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS.  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/1  SUSP. SOLIDS mg/1  AFTER TREATMENT  SETT. SOLIDS mg/1  BOD5 mg/1  TOTAL CAPITAL COST (\$)  SUSP. SOLIDS + BOD5  BEFORE TREATMENT, LBS.  11,421  13,421  13,421  13,421  REMOVED  89.4  61.8  41.4				
MIL. GAL.  TOTAL STORWMATER POLLUTANTS SETT. SOLIDS, LBS. 980 SUSP. SOLIDS, LBS. 11,700 BOD5 1721  STORWMATER TREATMENT TREAT. DESCRIP. SP SMD MD % TREATED 68.7 68.7 68.7  POLLUTANT REMOVALS SETT. SOLIDS, LBS. 931 931 88 SUSP. SOLIDS, LBS. 931 931 88 SUSP. SOLIDS, LBS. 931 931 88 SUSP. SOLIDS, LBS. 10530 7605 522 BOD5, LBS. 10530 7605 522 BOD5, LBS. 10530 7605 522 BOD5, LBS. 1462.9 688.4 344.  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 1170 4095 642 BOD5, LBS. 1270 4095 642 BOD5, LBS. 258.1 1032.6 1376.  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 2.6 2.6 2.6 2. SUSP. SOLIDS mg/1 31.6 31.6 31.6 BOD5 mg/1 4.6 4.6 4.6 4.6 AFTER TREATMENT SETT. SOLIDS mg/1 3.2 11.1 17. BOD5 mg/1 0.1 0.1 0.1 0. SUSP. SOLIDS mg/1 3.2 11.1 17. BOD5 mg/1 0.7 2.8 3.  TOTAL CAPITAL COST (\$) 850,000 2,200,000 4,500,000 ANNUAL 04M COST (\$) 23,000 70,000 225,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 13,421 13,421 13,421 REMOVED 89.4 61.8 41.6		1350		
TOTAL STORMWATER POLLUTANTS SETT. SOLIDS, LBS. 980 SUSP. SOLIDS, LBS. 11,700 BOD5 1721  STORMWATER TREATMENT TREAT. DESCRIP. SP SMD MD VOLUME TREAT., MG 30.5 30.5 30.5 % TREATED 68.7 68.7 68.7  POLLUTANT REMOVALS SETT. SOLIDS, LBS. 931 931 88 SUSP. SOLIDS, LBS. 931 931 88 SUSP. SOLIDS, LBS. 10530 7605 526 BOD5, LBS. 10530 7605 526 BOD5, LBS. 1462.9 688.4 344.  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 49 49 5 SUSP. SOLIDS, LBS. 170 4095 64. BOD5, LBS. 170 4095 64. BOD5, LBS. 258.1 1032.6 1376.  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 2.6 2.6 2. SUSP. SOLIDS mg/1 31.6 31.6 31.6 BOD5 mg/1 4.6 4.6 4.6 4. AFTER TREATMENT SETT. SOLIDS mg/1 0.1 0.1 0.1 SUSP. SOLIDS mg/1 3.2 11.1 17. BOD5 mg/1 0.7 2.8 3.  TOTAL CAPITAL COST (\$) 850,000 2,200,000 4,500,000 ANNUAL O&M COST (\$) 23,000 70,000 225,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 13,421 13,421 13,442 REMOVED, LBS. 11,992.9 8,293.4 5,609.00 % REMOVED 89.4 61.8 41.0	에 보고 있는 것이 되었다. 그런 사람들은 사람들은 보고 있는 것이 되었다면 보고 있다면 보고 있다면 보고 있다. 그런 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은	1491		
SETT. SOLIDS, LBS. 11,700 BOD5 1721  STORMMATER TREATMENT TREAT. DESCRIP. SP SMD MD VOLUME TREAT., MG 30.5 30.5 30.6 % TREATED 68.7 68.7 68.7  POLLUTANT REMOVALS SETT. SOLIDS, LBS. 931 931 88 SUSP. SOLIDS, LBS. 931 931 88 SUSP. SOLIDS, LBS. 10530 7605 526 BOD5, LBS. 1462.9 688.4 344.  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 49 49 5 SUSP. SOLIDS, LBS. 1170 4095 644 BOD5, LBS. 258.1 1032.6 1376.  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 2.6 2.6 2.6 2. SUSP. SOLIDS mg/1 31.6 31.6 31.6 BOD5 mg/1 4.6 4.6 4.6 4.6 AFTER TREATMENT SETT. SOLIDS mg/1 0.1 0.1 0.1 SUSP. SOLIDS mg/1 3.2 11.1 17. BOD5 mg/1 0.7 2.8 3.0  TOTAL CAPITAL COST (\$) 850,000 2,200,000 4,500,00 ANNUAL OEM COST (\$) 23,000 70,000 225,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 13,421 13,421 13,42 REMOVED 89.4 61.8 41.0		44.4		
SUSP. SOLIDS, LBS. 11,700 BOD5 1721  STORMWATER TREATMENT  TREAT. DESCRIP. SP SMD MD VOLUME TREAT., MG 30.5 30.5 30.6 % TREATED 68.7 68.7 68.7  POLLUTANT REMOVALS SETT. SOLIDS, LBS. 931 931 88 SUSP. SOLIDS, LBS. 931 931 88 SUSP. SOLIDS, LBS. 10530 7605 526 BOD5, LBS. 1462.9 688.4 344.  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 49 49 5 SUSP. SOLIDS, LBS. 1170 4095 643 BOD5, LBS. 258.1 1032.6 1376.  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 2.6 2.6 2. SUSP. SOLIDS mg/1 31.6 31.6 31.6 31. BOD5 mg/1 4.6 4.6 4.6 4. AFTER TREATMENT SETT. SOLIDS mg/1 3.1 0.1 0.1 0.1 SUSP. SOLIDS mg/1 3.2 11.1 17. BOD5 mg/1 0.7 2.8 3.  TOTAL CAPITAL COST (\$) 850,000 2,200,000 4,500,00 ANNUAL CAPITAL COST (\$) 23,000 70,000 225,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 13,421 13,421 13,42 REMOVED 89.4 61.8 41.		000		
BOD5 STORMWATER TREATMENT  TREAT. DESCRIP. VOLUME TREAT., MG VOLUME TREATMENT VOLUME T				
STORMWATER TREATMENT TREAT. DESCRIP. VOLUME TREAT., MG \$ 30.5 30.5 30.5 30.5 \$				
TREAT. DESCRIP.  VOLUME TREAT., MG  % TREATED  68.7 68.7 68.7  POLLUTANT REMOVALS  SETT. SOLIDS, LBS. 931 931 88  SUSP. SOLIDS, LBS. 10530 7605 526  BOD5, LBS. 1462.9 688.4 344.  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS. 49 49 9 9  SUSP. SOLIDS, LBS. 1170 4095 643  BOD5, LBS. 1170 4095 643  BOD5, LBS. 258.1 1032.6 1376.  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/1 2.6 2.6 2.6  SUSP. SOLIDS mg/1 31.6 31.6 31.6 31.  BOD5 mg/1 4.6 4.6 4.6 4.6  AFTER TREATMENT  SETT. SOLIDS mg/1 3.2 11.1 17.  BOD5 mg/1 0.1 0.1 0.1 0.1  SUSP. SOLIDS mg/1 3.2 11.1 17.  BOD5 mg/1 0.7 2.8 3.  TOTAL CAPITAL COST (\$) 850,000 2,200,000 4,500,000  ANNUAL 04M COST (\$) 23,000 70,000 225,000  SUSP. SOLIDS + BOD5  BEFORE TREATMENT, LBS. 13,421 13,421 13,422  REMOVED 89.4 61.8 41.		1/21		
VOLUME TREAT., MG			cn	e22000
* TREATED  POLLUTANT REMOVALS  SETT. SOLIDS, LBS. 931 931 88  SUSP. SOLIDS, LBS. 10530 7605 526  BOD5, LBS. 1462.9 688.4 344.  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS. 49 49 69 688.4  BOD5, LBS. 1170 4095 643  BOD5, LBS. 258.1 1032.6 1376.  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/1 2.6 2.6 2.6 2.  SUSP. SOLIDS mg/1 31.6 31.6 31.6 31.  BOD5 mg/1 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6				
POLLUTANT REMOVALS SETT. SOLIDS, LBS. 931 931 88 SUSP. SOLIDS, LBS. 10530 7605 526 BOD5, LBS. 10530 7605 526 BOD5, LBS. 1462.9 688.4 344.  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 49 49 9 9 SUSP. SOLIDS, LBS. 1170 4095 643 BOD5, LBS. 258.1 1032.6 1376.  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 2.6 2.6 2.6 2. SUSP. SOLIDS mg/1 31.6 31.6 31. BOD5 mg/1 4.6 4.6 4.6 4.  AFTER TREATMENT SETT. SOLIDS mg/1 0.1 0.1 0.1 SUSP. SOLIDS mg/1 3.2 11.1 17. BOD5 mg/1 3.2 11.1 17. BOD5 mg/1 0.7 2.8 3.  TOTAL CAPITAL COST (\$) 850,000 2,200,000 4,500,000 ANNUAL O&M COST (\$) 23,000 70,000 225,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 13,421 13,421 13,421 REMOVED, LBS. 11,992.9 8,293.4 5,609.8  % REMOVED 89.4 61.8 41.				
SETT. SOLIDS, LBS. 931 931 88 SUSP. SOLIDS, LBS. 10530 7605 526 BOD5, LBS. 1462.9 688.4 344.  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS. 49 49 59 SUSP. SOLIDS, LBS. 1170 4095 643 BOD5, LBS. 258.1 1032.6 1376.  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 2.6 2.6 2.6 2. SUSP. SOLIDS mg/1 31.6 31.6 31.6 31.6 BOD5 mg/1 4.6 4.6 4.6 4.6 AFTER TREATMENT SETT. SOLIDS mg/1 0.1 0.1 0.1 0.1 SUSP. SOLIDS mg/1 3.2 11.1 17. BOD5 mg/1 0.7 2.8 3.  TOTAL CAPITAL COST (\$) 850,000 2,200,000 4,500,000 ANNUAL O&M COST (\$) 23,000 70,000 225,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 13,421 13,421 13,421 REMOVED, LBS. 11,992.9 8,293.4 5,609.8  REMOVED 89.4 61.8 41.		68	.7 68.7	68.7
SUSP. SOLIDS, LBS. 10530 7605 526 BOD5, LBS. 1462.9 688.4 344.  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS. 49 49 59 SUSP. SOLIDS, LBS. 1170 4095 643 BOD5, LBS. 258.1 1032.6 1376.  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 2.6 2.6 2.6 2.6 SUSP. SOLIDS mg/1 31.6 31.6 31.6 31.6 BOD5 mg/1 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6			Legit Lattitude	Telephone
BOD5, LBS.  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  BOD5, LBS.  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/l  AFTER TREATMENT  SETT. SOLIDS mg/l  ANNUAL CAPITAL COST (\$)  ANNUAL CAPITAL COST (\$)  SUSP. SOLIDS + BOD5  BEFORE TREATMENT, LBS.  13,421				
POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS. 49 49 59 50 643 643 643 643 643 643 643 643 643 643				
SETT. SOLIDS, LBS. 49 49 59 643 805. BOD5, LBS. 258.1 1032.6 1376. AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/l 2.6 2.6 2.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31		1462	.9 688.4	344.2
SUSP. SOLIDS, LBS. 258.1 1032.6 1376.  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/l 2.6 2.6 2.  SUSP. SOLIDS mg/l 31.6 31.6 31.  BOD5 mg/l 4.6 4.6 4.6 4.  AFTER TREATMENT SETT. SOLIDS mg/l 0.1 0.1 0.1  SUSP. SOLIDS mg/l 3.2 11.1 17.  BOD5 mg/l 3.2 11.1 17.  BOD5 mg/l 0.7 2.8 3.  TOTAL CAPITAL COST (\$) 850,000 2,200,000 4,500,000  ANNUAL O&M COST (\$) 23,000 70,000 225,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 13,421 13,421 13,422  REMOVED, LBS. 11,992.9 8,293.4 5,609.8 REMOVED 89.4 61.8 41.6			1.99 7 997 703	Live ne in the
BOD5, LBS.  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/l 2.6 2.6 2.  SUSP. SOLIDS mg/l 31.6 31.6 31.  BOD5 mg/l 4.6 4.6 4.  AFTER TREATMENT  SETT. SOLIDS mg/l 0.1 0.1 0.1  SUSP. SOLIDS mg/l 3.2 11.1 17.  BOD5 mg/l 0.7 2.8 3.  TOTAL CAPITAL COST (\$) 850,000 2,200,000 4,500,000  ANNUAL O&M COST (\$) 23,000 70,000 225,000  SUSP. SOLIDS + BOD5  BEFORE TREATMENT, LBS. 13,421 13,421 13,422  REMOVED, LBS. 11,992.9 8,293.4 5,609.000  REMOVED 89.4 61.8 41.000				
AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/l 2.6 2.6 2. SUSP. SOLIDS mg/l 31.6 31.6 31. BOD5 mg/l 4.6 4.6 4.6 4. AFTER TREATMENT SETT. SOLIDS mg/l 0.1 0.1 0.1 0. SUSP. SOLIDS mg/l 3.2 11.1 17. BOD5 mg/l 0.7 2.8 3.  TOTAL CAPITAL COST (\$) 850,000 2,200,000 4,500,000 ANNUAL O&M COST (\$) 23,000 70,000 225,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 13,421 13,421 13,422 REMOVED, LBS. 11,992.9 8,293.4 5,609.8 REMOVED 89.4 61.8 41.8				
BEFORE TREATMENT  SETT. SOLIDS mg/l  SUSP. SOLIDS mg/l  BOD5 mg/l  AFTER TREATMENT  SETT. SOLIDS mg/l  SUSP. SOLIDS mg/l  BOD5 mg/l  SUSP. SOLIDS mg/l  BOD5 mg/l  TOTAL CAPITAL COST (\$)  ANNUAL O&M COST (\$)  SUSP. SOLIDS + BOD5  BEFORE TREATMENT, LBS.  REMOVED, LBS.  REMOVED  2.6  2.6  2.6  2.6  2.6  2.6  2.6  2.			.1 1032.6	1376.8
SETT. SOLIDS mg/l 2.6 2.6 2.6 2.8 SUSP. SOLIDS mg/l 31.6 31.6 31.6 31.8 SUSP. SOLIDS mg/l 4.6 4.6 4.6 4.6 4.6 A.6 A.6 A.6 A.6 A.6 A.6 A.6 A.6 A.6 A		NS		
SUSP. SOLIDS mg/l 31.6 31.6 31.6 31.6 BOD5 mg/l 4.6 4.6 4.6 4.6 4.6 AFTER TREATMENT SETT. SOLIDS mg/l 0.1 0.1 0.1 0.1 SUSP. SOLIDS mg/l 3.2 11.1 17.8 BOD5 mg/l 0.7 2.8 3.0 TOTAL CAPITAL COST (\$) 850,000 2,200,000 4,500,000 ANNUAL 0&M COST (\$) 23,000 70,000 225,000 SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 13,421 13,421 13,421 REMOVED, LBS. 11,992.9 8,293.4 5,609.4 REMOVED 89.4 61.8 41.6				
BOD5 mg/l AFTER TREATMENT SETT. SOLIDS mg/l SUSP. SOLIDS mg/l BOD5 mg/l  TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$)  BEFORE TREATMENT, LBS. REMOVED, LBS. REMOVED  4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.				
AFTER TREATMENT SETT. SOLIDS mg/l SUSP. SOLIDS mg/l BOD5 mg/l  TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$)  BEFORE TREATMENT, LBS. REMOVED, LBS. REMOVED  80.1  0.1  0.1  0.1  0.1  0.1  0.2  0.7  2.8  3.0  11.1  17.0  2.8  850,000 2,200,000 4,500,00 225,00  23,000 70,000 225,00  13,421 13,4				31.6
SETT. SOLIDS mg/l SUSP. SOLIDS mg/l BOD5 mg/l  TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$)  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. REMOVED, LBS. REMOVED  89.4  0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.	BOD <sub>5</sub> mg/l	4	.6 4.6	4.6
SUSP. SOLIDS mg/l 3.2 11.1 17.  BOD5 mg/l 0.7 2.8 3.  TOTAL CAPITAL COST (\$) 850,000 2,200,000 4,500,00 23,000 70,000 225,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 13,421 13,421 13,421 REMOVED, LBS. 11,992.9 8,293.4 5,609. \$ REMOVED 89.4 61.8 41.				
BOD5 mg/1 0.7 2.8 3.  TOTAL CAPITAL COST (\$) 850,000 2,200,000 4,500,000 ANNUAL O&M COST (\$) 23,000 70,000 225,000 SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 13,421 13,421 13,421 REMOVED, LBS. 11,992.9 8,293.4 5,609.   % REMOVED 89.4 61.8 41.				0.3
TOTAL CAPITAL COST (\$)  ANNUAL O&M COST (\$)  SUSP. SOLIDS + BOD5  BEFORE TREATMENT, LBS.  REMOVED, LBS.  REMOVED  REMOVE				
ANNUAL O&M COST (\$) 23,000 70,000 225,000 SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 13,421 13,421 13,421 13,421 REMOVED, LBS. 11,992.9 8,293.4 5,609. 8 REMOVED 89.4 61.8 41.	BOD5 mg/l	0	.7 2.8	3.7
ANNUAL O&M COST (\$) 23,000 70,000 225,000 SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 13,421 13,421 13,421 13,421 REMOVED, LBS. 11,992.9 8,293.4 5,609. 8 REMOVED 89.4 61.8 41.	tanaquo, v. nos ana . L. nonanat		ALAN AMERICA SERVI	Manualment.
SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 13,421 13,421 13,42 REMOVED, LBS. 11,992.9 8,293.4 5,609. % REMOVED 89.4 61.8 41.				4,500,000
BEFORE TREATMENT, LBS. 13,421	ANNUAL OEM COST (\$)	23,0	00 70,000	225,000
BEFORE TREATMENT, LBS. 13,421	SUSP SOLTES + POD-			
REMOVED, LBS. 11,992.9 8,293.4 5,609. % REMOVED 89.4 61.8 41.		13.4	21 13 421	13 421
% REMOVED 89.4 61.8 41.				
0 500 34 600 100 00	* KEMOVED		.4 01.0	41.0
CAPITAL COSTS/% REMOVAL (\$) 9,500 34,600 108,00	CAPITAL COSTS/% REMOVAL (\$)	9,5	00 34,600	108,000
TREATMENT COST (¢/1000 gals) 11.2 30.8 77.	TREATMENT COST (\$/1000 cale)	rin	.2 30.8	77.0

TOWN BURLINGTON				197 n.A
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	615			
TOTAL STORM RUNOFF VOL.	CRETT.			
MIL. GAL.	20.1			
TOTAL STORMWATER POLLUTANTS	A. A.A.			
SETT. SOLIDS, LBS.	308			
SUSP. SOLIDS, LBS.	3647			
BODs	536			
STORMWATER TREATMENT				
TREAT. DESCRIP.		SP	SMD	MD
VOLUME TREAT., MG		13.8	13.8	13.8
% TREATED		68.7		68.7
POLLUTANT REMOVALS			40.04	CHILD IN THE
SETT. SOLIDS, LBS.		292.6	292.6	277.2
SUSP. SOLIDS, LBS.		3,282.3		
		455.6	214.4	107.2
BOD5, LBS. POLLUTANTS DISCHARGED				2005
SETT. SOLIDS, LBS.		15.4	15.4	30.8
		364.7		
SUSP. SOLIDS, LBS.		80.4		
BOD5, LBS.				#31041
AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT				
		1.8	1.8	1.8
SETT. SOLIDS mg/l		21.8		
SUSP. SOLIDS mg/1		3.2	3.2	3.2
BOD5 mg/1				SPECIAL
AFTER TREATMENT		0.09	0.09	0.2
SETT. SOLIDS mg/1		2.2		
SUSP. SOLIDS mg/1		0.5		2.6
BOD5 mg/l				action.
		480,000	1,500,000	2,000,000
TOTAL CAPITAL COST (\$)		10,000		
ANNUAL OGM COST (\$)			(8) 1950 No	AS LAUREA
SUSP. SOLIDS + BODS				
BEFORE TREATMENT, LBS.		4,183	4,183	4,183
THE RESERVE OF THE PROPERTY OF				
REMOVED, LBS.		3,737.9	2,584.9	1,748.3
1.15 & REPOVED		89.4	61.8	41.8
CAPITAL COSTS/% REMOVAL (\$)		5,400	24,300	48,000
and same and and the same state sales		3,400	24,300	40,000
TREATMENT COST (¢/1000 gals)		13.5	43.0	83.0

TOWN EVERETT				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	970			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	39.7			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	682			
SUSP. SOLIDS, LBS.	7997		BU BUILDS	
BOD5	1175			
STORMWATER TREATMENT				
TREAT. DESCRIP.		SP	SMD	MD
VOLUME TREAT., MG		27.2		27.2
% TREATED		68.5	68.5	68.5
POLLUTANT REMOVALS		55.5	214795	TVATO.CIO
SETT. SOLIDS, LBS.		647.9	647.9	613.8
SUSP. SOLIDS, LBS.		7197.3		
		998.7		235
BOD5, LBS. POLLUTANTS DISCHARGED		330.7	THE PHONON O	**************************************
		34.1	34.1	68.2
SETT. SOLIDS, LBS.		799.7		
SUSP. SOLIDS, LBS.		176.3	705	940
BOD5, LBS.		170.3	/03	340
AVG. POLLUTANT CONCENTRATIONS				
BEFORE TREATMENT		2.1	2.1	2.1
SETT. SOLIDS mg/l		24.2		24.2
SUSP. SOLIDS mg/1		3.5		
BOD5 mg/1		3.5	3.5	3.5
AFTER TREATMENT		0.1	0.1	0.2
SETT. SOLIDS mg/1		2.4		
SUSP. SOLIDS mg/1		0.5	8.5 2.1	
BOD5 mg/l		0.5	2.1	2.8
TOTAL CAPITAL COST (\$)		750.000	2,100,000	4,000,000
ANNUAL OEM COST (\$)			65,000	
AMMORE OWN COST (\$)		-0,000	05,000	
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		9172	9172	9172
REMOVED, LBS.		8196	5668	3833.6
% REMOVED		89.4	61.8	41.8
name of the same of the same				
CAPITAL COSTS/% REMOVAL (\$)		8,400	34,000	96,000
TREATMENT COST (¢/1000 gals)		111.50	32.3	77.3

TOWN LEXINGTON					
URBAN DRAINAGE AREA					
YEAR	2000				
ACRES	1825				
TOTAL STORM RUNOFF VOL.					
MIL. GAL.	50.0				
TOTAL STORMWATER POLLUTANTS	30.0				
SETT. SOLIDS, LBS.	592		IDA AMEARAN		
SUSP. SOLIDS, LBS.	7088				
BODs	1042				
STORMWATER TREATMENT	1012				
TREAT. DESCRIP.		SP	SMD	MD	
VOLUME TREAT., MG		34.2	34.2	34.2	
% TREATED		68.4	68.4	68.4	
POLLUTANT REMOVALS		00.4	00.4	00.4	
SETT. SOLIDS, LBS.		562.4	562.4	532.8	
		6379.2	4607.2	3189.6	
SUSP. SOLIDS, LBS.		885.7	416.8	208.4	
BOD5, LBS.		003.7	410.0	200.4	
POLLUTANTS DISCHARGED		29.6	29.6	59.2	
SETT. SOLIDS, LBS.		708.8			
SUSP. SOLIDS, LBS.		156.3	625.2	833.6	
BOD5, LBS.		130.3	023.2	633.0	
AVG. POLLUTANT CONCENTRATIONS		commence of the			
BEFORE TREATMENT		1.4	1.4	1.4	
SETT. SOLIDS mg/l		17.0	17.0	17.0	
SUSP. SOLIDS mg/1		2.5	2.5	2.5	
BOD5 mg/l		2.5	2.5	2.3	
AFTER TREATMENT		0.07	0.07	0.1	
SETT. SOLIDS mg/l		1.7	5.9	8.2	
SUSP. SOLIDS mg/1		0.4	1.5		
BOD5 mg/l		0.4	1.420	2.0	
MOMENT CERTAIN COCK (C)		875.000	2,250,000	5,000,000	
TOTAL CAPITAL COST (\$)		25,000	80,000	250,000	
ANNUAL O&M COST (\$)		23,000	00,000	230,000	
SUSP. SOLIDS + BOD5					
BEFORE TREATMENT, LBS.		8,130	8,130	8,130	
REMOVED, LBS.		7,264.9	5,024.0	3398.0	
REMOVED, LBS.		89.4	61.8	41.8	
6 REMOVED					
CAPITAL COSTS/% REMOVAL (\$)		9,800	36,400	120,000	
CHI LINE CODED/ & REPOVAL (4)		(6) 33(3)	CHIEN LE SEIT OF		
TREATMENT COST (¢/1000 gals)		10.8	29.2	76.6	

TOWN MALDEN				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	1209			
TOTAL STORM RUNOFF VOL.	1209			
MIL. GAL.	44.9			
TOTAL STORMWATER POLLUTANTS	44.5			
	885			
SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS.	10511			
	1545			
BOD5	1545			
STORMWATER TREATMENT		CD	CMD	
TREAT. DESCRIP.		SP 30.8	SMD 30.8	MD 30.8
VOLUME TREAT., MG				
% TREATED		68.6	68.6	68.6
POLLUTANT REMOVALS		040 0	040 0	706 5
SETT. SOLIDS, LBS.		840.8		796.5
SUSP. SOLIDS, LBS.		9459.9		4730
BOD <sub>5</sub> , LBS.		1312.2	618	309
POLLUTANTS DISCHARGED				
SETT. SOLIDS, LBS.		44.2	44.2	88.5
SUSP. SOLIDS, LBS.		1051.1		5781
BOD5, LBS.		231.8	927	1236
AVG. POLLUTANT CONCENTRATION	S			
BEFORE TREATMENT				
SETT. SOLIDS mg/l		2.4		
SUSP. SOLIDS mg/l		28.1		28.1
BOD5 mg/l		4.1	4.1	4.1
AFTER TREATMENT				
SETT. SOLIDS mg/l		0.1		0.2
SUSP. SOLIDS mg/1		2.8	9.8	15.4
BOD5 mg/l		0.6	2.5	3.3
TOTAL CAPITAL COST (\$)		850.000	2,200,000	4.500.000
ANNUAL OEM COST (\$)		23,000		
AMORE OUR CODE (4)				
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		12,056	12,056	12,056
REMOVED, LBS.		10773.1		5039
% REMOVED		89.4		41.8
CAPITAL COSTS/% REMOVAL (\$)		9,500	35,600	108,000
TREATMENT COST (¢/1000 gals)		11.2	30.8	76.8

TOWN MEDFORD			1010-1709	
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	3062			
TOTAL STORM RUNOFF VOL.	8:24.1			
MIL. GAL.	104.1			
TOTAL STORMWATER POLLUTANTS	1.11			
SETT. SOLIDS, LBS.	1970		JOS AUGSTAN	tora azeron
SUSP. SOLIDS, LBS.	23437			LATER .
BOD5	3445		41 .801.10a.	
STORMWATER TREATMENT	2021			
TREAT. DESCRIP.		SP	SMD	MD
VOLUME TREAT., MG		71.1	71.1	71.1
% TREATED		68.3		68.3
POLLUTANT REMOVALS				
SETT. SOLIDS, LBS.		1871.5	1871.5	1773
SUSP. SOLIDS, LBS.		1.093.3	1871.5 15,234.1 1378	10,546.7
		2928.3	1378	689
BOD <sub>5</sub> , LBS. POLLUTANTS DISCHARGED			A PART OF THE REAL PROPERTY.	A TRAIN
		98.5	98.5	197
SETT. SOLIDS, LBS.		2343.7	8202.9	12,890.3
SUSP. SOLIDS, LBS.		516.7		2756
BOD5, LBS. AVG. POLLUTANT CONCENTRATION	•			
BEFORE TREATMENT	5			
		2.3	2.3	2.3
SETT. SOLIDS mg/l			27.0	
SUSP. SOLIDS mg/1			4.0	
BOD5 mg/l AFTER TREATMENT				LEGIS .
		0.1	0.1	0.2
SETT. SOLIDS mg/l			9.4	
SUSP. SOLIDS mg/1		0.6	2.4	3.2
BOD5 mg/l				2008
MOMAL CARTMAN COCK (6)	1.	500,000	3.400.000	10,500,000
TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$)		52,000	165,000	525,000
ANNUAL OWN COST (\$)			(e) trade n	SEO LIZERBEIT
CUED COLIDE + DOD-				
SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS.		26.882	26,882	26,882
		24021.6	16,612.1	26,882 11,235.7
REMOVED, LBS.		89.4	61.8	41.8
* REMOVED				
CARTELL COCHE (A DEMOULT (C)		16,800	55,000	251,000
CAPITAL COSTS/% REMOVAL (\$)		(8) JAN	CHEST RATES	O LATTIAD
TREATMENT COST (¢/1000 gals)		9.2	24.0	74.2
INDATEDIT COST (Y/1000 gals)		te cap on		THE ME STREET

TOWN MELROSE				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	1441			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	51.5			
TOTAL STORMWATER POLLUTANTS	31.3			
SETT. SOLIDS, LBS.	1012			
SUSP. SOLIDS, LBS.	12066			
BOD5	1774			
STORMWATER TREATMENT				
TREAT. DESCRIP.		SP	SMD	MD
VOLUME TREAT., MG		35.3		35.3
% TREATED		68.5	68.5	
POLLUTANT REMOVALS			a substantial of	
SETT. SOLIDS, LBS.		961.4	961.4	910.8
SUSP. SOLIDS, LBS.		10859.4		
BOD5, LBS.		1507.9		
POLLUTANTS DISCHARGED			o Louis de la companya de la company	
SETT. SOLIDS, LBS.		50.6	50.6	101.2
SUSP. SOLIDS, LBS.		1206.6		
BOD5, LBS.		266.1		
AVG. POLLUTANT CONCENTRATION	S			
BEFORE TREATMENT				
SETT. SOLIDS mg/1		2.4	2.4	2.4
SUSP. SOLIDS mg/1		28.1	28.1	28.1
BOD <sub>5</sub> mg/l		4.1	4.1	4.1
AFTER TREATMENT				
SETT. SOLIDS mg/l		0.1		
SUSP. SOLIDS mg/1		2.8		
BOD <sub>5</sub> mg/l		0.6	2.5	3.3
TOTAL CAPITAL COST (\$)			2,350,000	
ANNUAL OEM COST (\$)		26,000	85,000	250,000
SUSP. SOLIDS + BOD5			Man and the sec	
BEFORE TREATMENT, LBS.		13,840		
REMOVED, LBS.		2,367.3		
% REMOVED		89.4	61.8	41.8
CAPITAL COSTS/% REMOVAL (\$)		10,300	38,000	120,000
TREATMENT COST (¢/1000 gals)		10.8	29.0	76.4
IREMIMENT COST (4/1000 gals)			-,.0	

TOWN	READING			
URBAN DR	AINAGE AREA			
YEAR	전략 (THE TEXT TO THE TEXT T	2000		
ACRE		1321		
	ORM RUNOFF VOL.	1721		
	GAL.	42.3		
MILL.	CAL.	42.5		
	ORMWATER POLLUTANTS	623		
SETT	. SOLIDS, LBS.	7410		
	. SOLIDS, LBS.	Control of the latest and the latest		
BOD <sub>5</sub>		1090		
	ER TREATMENT			
	T. DESCRIP.	1	SP	SMD
	ME TREAT., MG		29.2	29.2
	EATED		69.0	69.0
	T REMOVALS			COLD CHOICE
SETT	. SOLIDS, LBS.		591.9	591.9
SUSP	. SOLIDS, LBS.		6,669	591.9 4,816.5
	, LBS.		926.5	436
	TS DISCHARGED			
SETT	. SOLIDS, LBS.		31.1	31.1
	. SOLIDS, LBS.		741	2,593.5
	, LBS.		163.5	654
	LUTANT CONCENTRATIONS			
	RE TREATMENT			
	. SOLIDS mg/l		1.8	1.8
	. SOLIDS mg/l		21.0	21.0
	mg/1		3.1	3.1
	R TREATMENT			
	. SOLIDS mg/1		0.09	0.09
	. SOLIDS mg/l		2.1	7.4
	mg/1		0.5	1.8
2005	mg/ 1			
TOTAL CA	PITAL COST (\$)		775.000	2,100,000
	&M COST (\$)			65,000
ANNOAL O	am COST (\$)			
enen eo	LIDS + BOD5			
BUSP. SU	RE TREATMENT, LBS.		8500	8500
			7595.5	8500 5252.5
	VED, LBS.		89.4	61.8
* RE	MOVED			
CAPTTAL	COSTS/% REMOVAL (\$)		8,700	34,000
CALITAD	CODID/ TREFICURE (4)			
TREATMEN	T COST (¢/1000 gals)		11.3	31.2

TOWN SOMERVILLE				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	962			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	37.6			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	756			
SUSP. SOLIDS, LBS.	8947			
BOD5	1315			
STORMWATER TREATMENT				
TREAT. DESCRIF.		SP	SMD	MD
VOLUME TREAT., MG		25.8		25.8
% TREATED		68.6	68.6	68.6
POLLUTANT REMOVALS				
SETT. SO'IDS, LBS.		718.2		
SUSP. SOLIDS, LBS.		8052.3		
BODS, LBS.		1117.7	526	263
POLLUTANTS DISCHARGED				
SETT. SOLIDS, LBS.		37.8	37.8	
SUSP. SOLIDS, LBS.		894.7		
BOD5, LBS.		197.3	789	1052
AVG. POLLUTANT CONCENTRATIONS				
BEFORE TREATMENT				
SETT. SOLIDS mg/l		2.4		2.4
SUSP. SOLIDS mg/1		28.5	28.5	28.5
BOD5 mg/l		4.2	4.2	4.2
AFTER TREATMENT				
SETT. SOLIDS mg/1		0.1		
SUSP. SOLIDS mg/1		2.9		
BOD5 mg/1		0.6	2.5	3.4
200.010.1. 000.010.0. 100.00		750 000	2 000 000	2 750 000
TOTAL CAPITAL COST (\$)		750,000		3,750,000
ANNUAL O&M COST (\$)		19,000	60,000	187,500
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		10,262		
REMOVED, LBS.		9170	6341.6	
% REMOVED		89.4	61.8	41.8
CAPITAL COSTS/% REMOVAL (\$)		8,400	32,400	90,000
TREATMENT COST (¢/1000 gals)		11.7	33.0	77.5

TOWN STONEHAM			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	2206		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	73.0		
TOTAL STORMWATER POLLUTANTS	PITTA:		
SETT. SOLIDS, LBS.	1491		
00011 002100,	17790		
BOD5	2616		
STORMWATER TREATMENT		THE PROPERTY OF	THE WALLES
TREAT. DESCRIP.	SP		MD
VOLUME TREAT., MG	50.2	50.2	50.2
* TREATED	68.8	68.8	68.8
POLLUTANT REMOVALS	1416 5	1416	
SETT. SOLIDS, LBS.	1416.5		1341.9
SUSP. SOLIDS, LBS.			8,005.5
BOD5, LBS.	2223.6	1046.4	523.2
POLLUTANTS DISCHARGED	74.5	57574	140 1
SETT. SOLIDS, LBS.	1779		149.1 9784.5
SUSP. SOLIDS, LBS.	392.4		2092.8
BOD5, LBS.		1309.0	2092.8
AVG. POLLUTANT CONCENTRATIONS			151,7124
PEFORE TREATMENT	2.4	2.4	2.4
SETT. SOLIDS mg/l	29.2		29.2
SUSP. SOLIDS mg/1	4.3	4.3	4.3
BOD5 mg/l			Carrie Maria Call
AFTER TREATMENT	0.1	0.1	0.2
SETT. SOLIDS mg/l	2.9	10.2	16.1
SUSP. SOLIDS mg/1 BOD5 mg/1	0.6	2.6	3.4
RODS mg/I			
TOTAL CAPITAL COST (\$)	1,200,000	2,750,000	7,500,000
ANNUAL OEM COST (\$)	27 000	110,000	
ANNUAL CAM COST (\$)			
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	20,406	20,406	
REMOVED, LBS.	18,234.6		8,528.7
% REMOVED	89.4	61.8	41.8
* KLIIO VED			
CAPITAL COSTS/% REMOVAL (\$)	13,400	44,500	180,000
Communication of the control of the			
TREATMENT COST (¢/1000 gals)	9.9	26.2	75.3

TOWN WAKEFIELD				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	1147			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	40.8			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	826			
SUSP. SOLIDS, LBS.	9848			
BOD5	1448			
STORMWATER TREATMENT	1440			
		SP	SMD	MD
TREAT. DESCRIP.		28.0	28.0	28.0
VOLUME TREAT., MG		68.6	68.6	
% TREATED		00.0	68.6	68.6
POLLUTANT REMOVALS		784.7	704 7	742 4
SETT. SOLIDS, LBS.				
SUSP. SOLIDS, LBS.		8,863.2	6,401.2	
BOD <sub>5</sub> , LBS.		1230.8	579.2	289.6
POLLUTANTS DISCHARGED		4,000		00.6
SETT. SOLIDS, LBS.		41.3		
SUSP. SOLIDS, LBS.		984.8	3446.8	
BOD5, LBS.		217.2	868.8	1158.4
AVG. POLLUTANT CONCENTRATIONS	1, 1, 1000			
BEFORE TREATMENT			STEART SE	120
SETT. SOLIDS mg/1		2.4	2.4	
SUSP. SOLIDS mg/1		28.9	28.9	28.9
BOD5 mg/l		4.3	4.3	4.3
AFTER TREATMENT			THE PERSON NAMED IN	
SETT. SOLIDS mg/1		0.1	0.1	
SUSP. SOLIDS mg/1		2.9	10.1	
BOD5 mg/l		0.6	2.6	3.4
		760,000	2 150 000	4 000 000
TOTAL CAPITAL COST (\$)		21,000		4,000,000
ANNUAL OEM COST (\$)		21,000	70,000	200,000
CHER COLING + BOD-				
SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS.		11,296	11,296	11,296
		10,094	6,980.4	4,721.2
REMOVED, LBS.		89.4	61.8	41.8
% REMOVED			02.0	
CAPITAL COSTS/% REMOVAL (\$)		8,500	34,800	96,000
Chi I I I COD I O TO TO THE TOTAL				
TREATMENT COST (¢/1000 gals)		11.3	31.5	77.2

TOWN WATERTOWN				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	316			
TOTAL STORM RUNOFF VOL.	3.0			
MIL. GAL.	10.8			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	221			
SUSP. SOLIDS, LBS.	2625			
BODs	386			
STORMWATER TREATMENT				
TREAT. DESCRIP.		SP	SMD	MD
VOLUME TREAT., MG		7.4		7.4
% TREATED		68.5	68.5	68.5
POLLUTANT REMOVALS			all Avenue To	
SETT. SOLIDS, LBS.		210		198.9
SUSP. SOLIDS, LBS.		2362.5	1706.3	1181.2
BODs, LBS.		328.1	154.4	77.2
POLLUTANTS DISCHARGED				
SETT. SOLIDS, LBS.		11		
SUSP. SOLIDS, LBS.			918.7	
BOD5, LBS.		57.9	231.6	308.8
AVG. POLLUTANT CONCENTRATIONS				
BEFORE TREATMENT				
SETT. SOLIDS mg/1			2.5	
SUSP. SOLIDS mg/1			29.1	
BOD <sub>5</sub> mg/l		4.3	4.3	4.3
AFTER TREATMENT			Maria Sala	
SETT. SOLIDS mg/1		0.1		
SUSP. SOLIDS mg/1			10.2	
BOD5 mg/l		0.6	2.6	3.4
TOTAL CAPITAL COST (\$)		260,000	1,130,000	1,250,000
ANNUAL OEM COST (\$)		5,000		63,000
ANNUAL USE COST (\$)				
SUSP. SOLIDS + BOD5			gos + gos u	18 18 18
BEFORE TREATMENT, LBS.			3,011	
REMOVED, LBS.			1860.7	
% REMOVED		89.4	61.8	41.8
CAPITAL COSTS/% REMOVAL (\$)		2,900	18,300	30,000
TREATMENT COST (¢/1000 gals)		15.0	56.0	85.0

TOWN WILMINGTON				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	90			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	2.9			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	59			
SUSP. SOLIDS, LBS.	699			
BOD5	103			
STORMWATER TREATMENT				
TREAT. DESCRIP.		NT	SP	
VOLUME TREAT., MG		- O	2.0	
% TREATED		-	69.0	
POLLUTANT REMOVALS				
SETT. SOLIDS, LBS.			56	
SUSP. SOLIDS, LBS.		-	629.1	
BOD5, LBS.		-	87.6	
POLLUTANTS DISCHARGED				
SETT. SOLIDS, LBS.		59		
SUSP. SOLIDS, LBS.		699	69.9	
BOD5, LBS.		103	15.4	
AVG. POLLUTANT CONCENTRATIONS				
BEFORE TREATMENT			E. 是多其他所以 第75	
SETT. SOLIDS mg/l		2.4	2.4	
SUSP. SOLIDS mg/l		28.9	28.9	
BOD5 mg/1		4.3	4.3	
AFTER TREATMENT				
SETT. SOLIDS mg/l		2.4	0.1	
SUSP. SOLIDS mg/1		4.3	0.6	
BOD5 mg/1		4.3	0.6	
			125,000	
TOTAL CAPITAL COST (\$) ANNUAL OSM COST (\$)		_	2,000	
ANNUAL OWN COST (\$)			2,000	
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		802	802	
REMOVED, LBS.		-	716.7	
% REMOVED		-	89.4	
CAPITAL COSTS/% REMOVAL (\$)		(8) TAV	1,400	
TREATMENT COST (¢/1000 gals)		(wise on	23.0	

TOWN WINCHESTER			OTTORING SWI	
URBAN DRAINAGE AREA				
YEAR	2000			SET MERMA
ACRES	2435			
TOTAL STORM RUNOFF VOL.	70.5			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	844			
SUSP. SOLIDS, LBS.	10091			
BOD5	1483			
STORMWATER TREATMENT			right sign a	ar meletine
TREAT. DESCRIP.		SP	SMD	, MD
VOLUME TREAT., MG		48.3	48.3	48.3
% TREATED		68.5	68.5	68.5
POLLUTANT REMOVALS			24/04/04/0	BETTINDS.
SETT. SOLIDS, LBS.		801.8	801.8	759.6
SUSP. SOLIDS, LBS.		,081.9	6559.1	4541
BOD5, LBS.		1260.5	593.2	296.6
POLLUTANTS DISCHARGED		42.2	42 2	84.4
SETT. SOLIDS, LBS.		42.2	42.2 3531.9	5550
SUSP. SOLIDS, LBS.		222.5	898.8	1186.4
BOD5, LBS.		222.5	030.0	1100.4
AVG. POLLUTANT CONCENTRATIONS				
BEFORE TREATMENT		1.4	1.4	1.4
SETT. SOLIDS mg/l		17.2	17.2	17.2
SUSP. SOLIDS mg/1		2.5	2.5	2.5
BOD5 mg/l				140 P
AFTER TREATMENT		0.07	0.07	0.1
SETT. SOLIDS mg/l		1.7	6.0	9.4
SUSP. SOLIDS mg/1 ROD5 mg/1		0.4	1.5	2.0
ROD5 mg/1				
TOTAL CAPITAL COST (\$)		30,000	2,750,000	7,000,000
ANNUAL OSM COST (\$)		35,000	110,000	350,000
AMMORE OUR COST (4)			and the second second	
SUSP. SOLIDS + BOD5			1220 a 271	
BEFORE TREATMENT, LBS.		11,574	11,574	11,574
REMOVED, LBS.		,342.4	7152.3	
% REMOVED		89.4	61.8	41.8
CAPITAL COSTS/% REMOVAL (\$)		11,500	44,500	167,000
TREATMENT COST (¢/1000 gals)		10.0	26.5	75.4

TOWN WOBURN			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	5362		
TOTAL STORM RUNOFF VOL.			
	88.6		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	3481		
SUSP. SOLIDS, LBS.	1253		
BODS	6064		
STORMWATER TREATMENT			
TREAT. DESCRIP.	SP	SMD	MD
VOLUME TREAT., MG	129.4		129.4
% TREATED	68.6		68.6
POLLUTANT REMOVALS		AND THE STATE	
SETT. SOLIDS, LBS.	3,307	3,307	3,132.9
SUSP. SOLIDS, LBS.	37,127.7		18,563.8
BOD5, LBS.	5,154.4	2,425.6	
POLLUTANTS DISCHARGED	3,131.1	2,123.0	1,222.0
SETT. SOLIDS, LBS.	174	174	348.1
SUSP. SOLIDS, LBS.	4,125.3		
BOD <sub>5</sub> , LBS.		3,638.4	
AVG. POLLUTANT CONCENTRATIONS	AND THAT LIE TO	3,030.1	1,00212
BEFORE TREATMENT			
SETT. SOLIDS mg/l	2.2	2.2	2.2
SUSP. SOLIDS mg/1	26.2		
BODs mg/1	3.9	3.9	
AFTER TREATMENT			
SETT. SOLIDS mg/l	0.1	0.1	0.2
SUSP. SOLIDS mg/1	2.6	9.2	14.4
BOD5 mg/l	0.6	2.3	
BOD5 Mg/I			
TOTAL CAPITAL COST (\$)	2,500,000	5,000,000	19,000,000
ANNUAL O&M COST (\$)	96,000	300,000	950,000
ANNOAD OWN COST (4)			
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	47,317.0	47,317.0	47,317.0
REMOVED, LBS.	42,282.1	29,240.1	
% REMOVED	89.4	61.8	41.8
6 REPOVED			
CAPITAL COSTS/% REMOVAL (\$)	28,000	80,900	455,000
TREATMENT COST (¢/1000 gals)	(1.7Ap 2018.4)	21.0	73.0

TOWN CANTON			
URBAN DRAINAGE AREA YEAR ACRES	2000 5311		
TOTAL STORM RUNOFF VOL. MIL. GAL. TOTAL STORMWATER POLLUTANTS	172.2		
SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS. BOD5	2606 30928 4547		
STORMWATER TREATMENT TREAT. DESCRIP. VOLUME TREAT., MG % TREATED		SP 16.4 67.6	SMD 116.4 67.6
POLLUTANT REMOVALS SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS. BOD5, LBS.	278	75.7 35.2 3865	2475.7 20103.2 1818.8
POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS. BOD5, LBS.	30	30.3 92.8 682	130.3 10824.8 2728.2
AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/l SUSP. SOLIDS mg/l BOD5 mg/l		1.8 21.5 3.2	1.8 21.5 3.2
AFTER TREATMENT SETT. SOLIDS mg/l SUSP. SOLIDS mg/l BOD5 mg/l		0.09 2.2 0.5	0.09 7.5 1.9
TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$)	2,300 87	,000	4,650,000 275,000
SUSP. SOLIDS + BOD5  BEFORE TREATMENT, LBS.  REMOVED, LBS.  REMOVED	317	5475 00.2 89.4	35475 21922.0 61.8
CAPITAL COSTS/% REMOVAL (\$)	(2) 25	,700	75,200
TREATMENT COST (¢/1000 gals)		8.6	21.3

TOWN DEDHAM				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	2024			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	75.5			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	1413			
SUSP. SOLIDS, LBS.	16797			
BOD5	2471			
STORMWATER TREATMENT				
TREAT. DESCRIP.		SP	SMD	MD
VOLUME TREAT., MG		51.8	51.8	51.8
₹ TREATED		68.6	68.6	68.6
POLLUTANT REMOVALS				
SETT. SOLIDS, LBS.		1342.4	1342.4	1271.7
SUSP. SOLIDS, LBS.		15117.3	10918.1	7558.6
BOD5, LBS.		2100.4	988.4	494.2
POLLUTANTS DISCHARGED				
SETT. SOLIDS, LBS.		70.6		141.3
SUSP. SOLIDS, LBS.		1679.7	5878.9	9238.4
BOD5, LBS.		370.6	1482.6	1976.8
AVG. POLLUTANT CONCENTRATIONS				
BEFORE TREATMENT				
SETT. SOLIDS mg/l		2.2		2.2
SUSP. SOLIDS mg/l		26.7		
BOD5 mg/l		3.9	3.9	3.9
AFTER TREATMENT				
SETT. SOLIDS mg/l		0.1		
SUSP. SOLIDS mg/1		2.7		
BOD5 mg/l		0.6	2.4	3.1
TOTAL CAPITAL COST (\$)	1,	245,000	2,900,000	7.500,000
ANNUAL OEM COST (\$)		39,000	120,000	375,000
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		19268	19268	19268
REMOVED, LBS.		17217.7	11006.5	8052.8
% REMOVED		89.4	61.8	41.9
CAPITAL COSTS/% REMOVAL (\$)		13,900	46,900	180,000
THE THENT COST (6/10001-)		0.0	25.9	
TREATMENT COST (¢/1000 gals)		9.8	25.9	75.2

TOWN DOVER		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	470	
TOTAL STORM RUNOFF VOL.		
MIL. GAL.	12.6	
TOTAL STORMWATER POLLUTANTS	Addition to the state of	
SETT. SOLIDS, LBS.	93	
SUSP. SOLIDS, LBS.	1117	
BOD5	164	
STORMWATER TREATMENT		
TREAT DESCRIP.	SP	SMD
VOLUME TREAT., MG	8.6	
% TREATED	68.3	
POLLUTANT REMOVALS		The second of
SETT. SOLIDS, LBS.	88.4	88.4
SUSP. SOLIDS, LBS.	1005.3	
BOD5, LBS.	139.4	
POLLUTANTS DISCHARGED		trans no the fire
SETT. SOLIDS, LBS.	4.6	4.6
SUSP. SOLIDS, LBS.	111.7	391
BOD5, LBS.	24.6	
AVG. POLLUTANT CONCENTRATIONS		
BEFORE TREATMENT		
SETT. SOLIDS mg/l	0.9	0.9
SUSP. SOLIDS mg/l	10.6	
BOD5 mg/l	1.6	
AFTER TREATMENT		
SETT. SOLIDS mg/l	0.04	0.04
SUSP. SOLIDS mg/l	1.1	
BOD5 mg/l	0.2	0.9
TOTAL CAPITAL COST (\$)	275,000	1,250,000
ANNUAL OEM COST (\$)	7,000	25,000
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.	1281	1281
REMOVED, LBS.	1144.7	791.6
% REMOVED	89.4	
CAPITAL COSTS/% REMOVAL (\$)	3,000	20,200
TREATMENT COST (¢/1000 gals)	14.6	55.5

TOWN FOXBOROUGH			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	669		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	20.0		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	226		
SUSP. SOLIDS, LBS.	2699		
BOD5	397		
STORMWATER TREATMENT			
TREAT. DESCRIP.		SP	SMD
VOLUME TREAT., MG	13	3.7	13.7
% TREATED	68	3.5	68.5
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.	214	1.7	214.7
SUSP. SOLIDS, LBS.	2429	1.1	1754.4
BOD5, LBS.	337	7.5	158.8
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.	1.1	1.3	11.3
SUSP. SOLIDS, LBS.	269	9.9	944.6
BOD5, LBS.	59	9.5	238.2
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT			
SETT. SOLIDS mg/1		1.4	1.4
SUSP. SOLIDS mg/1		5.2	16.2
BODs mg/l		2.4	2.4
AFTER TREATMENT			
SETT. SOLIDS mg/1		0.07	
SUSP. SOLIDS mg/1		1.6	
BOD5 mg/l		0.4	1.4
TOTAL CAPITAL COST (\$)	480.0	000	1,500,000
ANNUAL O&M COST (\$)	10.0	000	35,000
ANNUAL OWN COST (\$)			
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	309		3096
REMOVED, LBS.	2766		1913.2
% REMOVED	89	. 4	61.8
CAPITAL COSTS/% REMOVAL (\$)	5,40	00	24,300
TREATMENT COST (¢/1000 gals)	13	.5	43.0

TOWN MEDFIELD			
.URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	570		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	15.8		
TOTAL STORMWATER POLLUTANTS			TILL CAD LIT
SETT. SOLIDS, LBS.	142		
SUSP. SOLIDS, LBS.	1701		
BODs	250		
STORMWATER TREATMENT			
TREAT, DESCRIP.		SP	SMD
VOLUME TREAT., MG		10.9	10.9
% TREATED		69.0	69.0
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.		134.9	134.9
SUSP. SOLIDS, LBS.		1530.9	1105.7
BOD5, LBS.		212.5	100
POLLUTANTS DISCHARGED			ARI , pGO
SETT. SOLIDS, LBS.		7.1	7.1
SUSP. SOLIDS, LBS.		170.1	595.3
BOD5, LBS.		37.5	150
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT		APPENDING.	
SETT. SOLIDS mg/l		1.1	1.1
SUSP. SOLIDS mg/l		12.9	12.9
BOD5 mg/l		1.9	1.9
AFTER TREATMENT			
SETT. SOLIDS mg/l		0.05	0.05
SUSP. SOLIDS mg/1		1.3	4.5
BOD5 mg/l		0.3	1.1
TOTAL CAPITAL COST (\$)			1,350,000
ANNUAL O&M COST (\$)		9,000	30,000
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.		1951	
REMOVED, LBS.		1743.4	1205.7
% REMOVED		89.4	61.8
			100/0000
CAPITAL COSTS/% REMOVAL (\$)		4,200	21,800
TREATMENT COST (¢/1000 gals)		14.0	48.4
	X		

TOWN MILTON				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	4551			
TOTAL STORM RUNOFF VOL.	4331			
MIL. GAL.	137.8			
TOTAL STORMWATER POLLUTANTS	137.0			
SETT. SOLIDS, LBS.	1837			
SUSP. SOLIDS, LBS.	21946			
BOD5	3226			
STORMWATER TREATMENT				
TREAT. DESCRIP.		SP	SMD	MD
VOLUME TREAT., MG		94.5	94.5	94.5
% TREATED		68.6	68.6	68.6
POLLUTANT REMOVALS				KATOLI GE
SETT. SOLIDS, LBS.		1745.2	1745.5	1653.3
SUSP. SOLIDS, LBS.		19751.4	14264.9	9875.7
BOD5, LBS.		2742.1	1290.4	645.2
POLLUTANTS DISCHARGED				PRETATION
SETT. SOLIDS, LBS.		91.8	91.8	183.7
SUSP. SOLIDS, LBS.		2194.6	7681.1	12070.3
BODS, LBS.		483.9	1935.6	2580.8
AVG. POLLUTANT CONCENTRATION	S			
BEFORE TREATMENT				
SETT. SOLIDS mg/1		1.6	1.6	1.6
SUSP. SOLIDS mg/l		19.1		19.1
BOD5 mg/l		2.8	2.8	2.8
AFTER TREATMENT				
SETT. SOLIDS mg/l		0.08	0.08	
SUSP. SOLIDS mg/l		1.9		10.5
BOD5 mg/l		0.4	1.7	2.2
TOTAL CAPITAL COST (\$)	1,	925,000	4,100,000	14,000,000
ANNUAL OSM COST (\$)		70,000	225,000	700,000
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		25,172	25,172	25,172
REMOVED, LBS.		22493.5		10520.9
% REMOVED		89.4	61.8	41.8
V N.21.0 V.25				
CAPITAL COSTS/% REMOVAL (\$)		21,500	66,300	335,000
TREATMENT COST (¢/1000 gals)		* 1 * 8 . 8 °	22.4	73.6

#### STORMWATER MANAGEMENT SUMMARY

#### NEPONSET RIVER BASIN

TOWN NORWOOD			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	3971		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	143.6		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	2590		
SUSP. SOLIDS, LBS.	30656		
BOD5	4506		
STORMWATER TREATMENT			
TREAT. DESCRIP.	SP	SMD	MD
VOLUME TREAT., MG	98.5	98.5	98.5
% TREATED	68.6	68.6	68.6
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.	2460.5		2331
SUSP. SOLIDS, LBS.	27590.4	19926.4	13795.2
BOD5, LBS.	3830.1	1802.4	901.2
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.	129.5	129.5	259
SUSP. SOLIDS, LBS.	3065.6	10729.6	16860.8
BOD5, LBS.	675.9	2703.6	3604.8
AVG. POLLUTANT CONCENTRATIONS	503765-0142790		
BEFORE TREATMENT			
SETT. SOLIDS mg/l	2.2		2.2
SUSP. SOLIDS mg/1	25.6	THE RESERVE THE PROPERTY OF THE PARTY OF THE	
BOD5 mg/l	3.8	3.8	3.8
AFTER TREATMENT		- grant rest is guard.	
SETT. SOLIDS mg/l	0.1	0.1	
SUSP. SOLIDS mg/1	2.6		
BOD5 mg/l	0.6	2.3	3.0
TOTAL CAPITAL COST (\$)	2,000,000	4,200,000	14,500,000
ANNUAL OEM COST (\$)	73,000	235,000	725,000
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	35162		35162
REMOVED, LBS.	31420.5	21728.8	14696.4
% REMOVED	89.4	61.8	41.8
CAPITAL COSTS/% REMOVAL (\$)	22,400	68,000	347,000
TREATMENT COST (¢/1000 gals)	8.8	22.2	73.5

#### STORMWATER MANAGEMENT SUMMARY

#### NEPONSET RIVER BASIN

TOWN QUINCY				
URBAN DRAINAGE AREA				
YEAR ACKTS	2000 915			
TOTAL STORM RUNOFF VOL.	912			
MIL. GAL.	34.3			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	666			
SUSP. SOLIDS, LBS.	7908			
BOD5 STORMWATER TREATMENT	1162			
TREAT. DESCRIP.		SP	SMD	MD
VOLUME TREAT., MG		23.5		
% TREATED		68.5		68.5
POLLUTANT REMOVALS			200000000000000000000000000000000000000	
SETT. SOLIDS, LBS.		632.7		599.4
SUSP. SOLIDS, LBS.		7117.2		3558.8
BOD5, LBS. POLLUTANTS DISCHARGED		987.7	464.8	232.4
SETT. SOLIDS, LPS.		33 3	33.3	66 6
SUSP. SOLIDS, LBS.			2767.8	
BODs, LBS.		174.3	697.2	929.6
AVG. POLLUTANT CONCENTRATIONS	3		NEOLOGIC THAT	
BEFORE TREATMENT				
SETT. SOLIDS mg/l		2.3		
SUSP. SOLIDS mg/1		27.6		
BOD5 mg/l AFTER TREATMENT		4.1	4.1	4.1
SETT. SOLIDS mg/l		0.1	0.1	0.2
SUSF. SOLIDS mg/1			9.7	
BOD5 mg/l		0.6		
TOTAL CAPITAL COST (\$)		700,000		3,500,000
ANNUAL O&M COST (\$)		18,000	55,000	175,000
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		9070	9070	9070
REMOVED, LBS.		8104.9	5605	
% REMOVED		89.4	61.8	41.8
CAPITAL COSTS/% REMOVAL (\$)		7,800	31,600	84,000
TREATMENT COST (¢/1000 gals)		((11.9)	34.0	75.4

TOWN	RANDOLPH			
URBAN D	RAINAGE AREA			
YEA		2000		
ACR	ES	167		
	TORM RUNOFF VOL.			
	. GAL.	4.3		
TOTAL S	TORMWATER POLLUTANTS			
SET	T. SOLIDS, LBS.	48		
	P. SOLIDS, LBS.	579		
BOD	5	85		
STORMWA	TER TREATMENT			
	AT. DESCRIP.		NT	SP
VOL	UME TREAT., MG		-	2.9
* T	REATED		-	67.4
	NT REMOVALS			2.13.000 mg/
SET	T. SOLIDS, LBS.			45.6
	P. SOLIDS, LBS.		-	521.1
BOD	5, LBS.		-	72.2
POLLUTA	NTS DISCHARGED			
SET	T. SOLIDS, LBS.		48	2.4
SUS	P. SOLIDS, LBS.		579	57.9
	5, LBS.		85	12.8
	LLUTANT CONCENTRATIONS	7		
	ORE TREATMENT			
	T. SOLIDS mg/l		1.3	1.3
	P. SOLIDS mg/l		16.1	16.1
	5 mg/l		2.4	2.4
	ER TREATMENT			THE RESERVE OF THE
SET	T. SOLIDS mg/l		1.3	0.07
	P. SOLIDS mg/1		16.1	1.6
BOD	5 mg/l		2.4	0.4
TOTAL C	APITAL COST (\$)		- 120	150,000
	O&M COST (\$)		-	3,000
SUSP. S	OLIDS + BOD5			8005 t 80
	ORE TREATMENT, LBS.		664	593.3
	OVED, LBS.			89.4
* 1	REMOVED			09.4
CAPITAL	COSTS/% REMOVAL (\$)		(8) JAVO	1,700
TREATME	ENT COST (¢/1000 gals)		20.0	20.0

TOWN SHARON		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	5754	
TOTAL STORM RUNOFF VOL.		
MIL. GAL.	228.2	
TOTAL STORMWATER POLLUTANTS		
SETT. SOLIDS, LBS.	3523	
SUSP. SOLIDS, LBS.	34534	
BOD5	5079	
STORMWATER TREATMENT		
TREAT. DESCRIP.	SP	SMD
VOLUME TREAT., MG	156.5	156.5
% TREATED	68.6	68.6
POLLUTANT REMOVALS		
SETT. SOLIDS, LBS.	3346.8	3346.8
SUSP. SOLIDS, LBS.	31080.6	22447.1
BOD5, LBS.	4317.2	2031.6
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	176.2 3453.4	176.2
SUSP. SOLIDS, LBS.	3453.4	12,086.9
BOD5, LBS.	761.8	3047.4
AVG. POLLUTANT CONCENTRATION	S	
BEFORE TREATMENT		
SETT. SOLIDS mg/l	1.9	1.9
SUSP. SOLIDS mg/1	18.1	18.1
BOD <sub>5</sub> mg/l	2.7	2.7
AFTER TREATMENT		
SETT. SOLIDS mg/1	0.09	
SUSP. SOLIDS mg/1	1.8	
BOD5 mg/l	0.4	1.6
TOTAL CAPITAL COST (\$)	2,950,000	5,650,000
ANNUAL O&M COST (\$)	115,000	365,000
CHED COLIDS + BOD-		
SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS.	39,613	39,613
REMOVED, LBS.	35,397.8	
% REMOVED	89.4	61.8
& REMOVED		。 第二次,可以他们的特殊的。 第二次,可以他们的特殊的。 第二次,可以他们的特殊的。 第二次,可以他们的特殊的。 第二次,可以他们的特殊的。 第二次,可以他们的特殊的。 第二次,可以他们的特殊的。 第二次,可以他们的特殊的。 第二次,可以他们的一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
CAPITAL COSTS/% REMOVAL (\$)	33,000	91,400
mpna mynym gogm (4/10001-)	8.4	20.2
TREATMENT COST (¢/1000 gals)	and the same state	TANK SOME IN THE PERSONAL PROPERTY.

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TOWN STOUGHTON			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	3364		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	119.5		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	2342		
SUSP. SOLIDS, LBS.	27822		
BOD5	4091		
STORMWATER TREATMENT			
TREAT. DESCRIP.	SP	SMD	
VOLUME TREAT., MG	79.2		
% TREATED	68.6		
POLLUTANT REMOVALS	00.0	00.0	
SETT. SOLIDS, LBS.	2224.9	2224.9	
SUSP. SOLIDS, LBS.	25039.8		
BOD5, LBS.	3477.4		
POLLUTANTS DISCHARGED	3477,4	1030.4	
	117.1	117.1	
SETT. SOLIDS, LBS.	2782.2		
SUSP. SOLIDS, LBS.	613.6		
BOD5, LBS.		2454.6	
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT		files satisfie	
SETT. SOLIDS mg/1	2.3 27.9		
SUSP. SOLIDS mg/1	4.1		
BOD5 mg/l	4.1	4.1	
AFTER TREATMENT	0.1	Them Parion	
SETT. SOLIDS mg/l	2.8		TARTE.
SUSP. SOLIDS mg/1	0.6		
BOD5 mg/l	0.6	2.5	
TOTAL CAPITAL COST (\$)	1,700,000	3,650,000	
ANNUAL OSM COST (\$)	59,000		
ANNUAL OWN COST (\$)	39,000	190,000	
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	31913	31913	
REMOVED, LBS.	28517.2		
	89.4		
% REMOVED	1	01.0	
CAPITAL COSTS/% REMOVAL (\$)	19,000	59,000	
CAPITAL COSIS/ & REPOVAL (\$)			
TREATMENT COST (¢/1000 gals)	9.0	23.3	
Indiana Cope (7/1000 gale)			

TOWN WALPOLE			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	5075		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	157.0		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	2025		
SUSP. SOLIDS, LBS.	24063		
BOD5	3538		
STORMWATER TREATMENT			
TREAT. DESCRIP.		SP	SMD
VOLUME TREAT., MG		06.6	
% TREATED		68.5	68.5
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.	19	23.8	1923.8
SUSP. SOLIDS, LBS.	216	56.7	15641
BODS, LBS.	30	07.3	1415.2
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.			101.2
SUSP. SOLIDS, LBS.			8422
BOD5, LBS.	5	30.7	2122.8
AVG. POLLUTANT CONCENTRATION	S		
BEFORE TREATMENT			
SETT. SOLIDS mg/1		1.5	1.5
SUSP. SOLIDS mg/1		18.4	
BODs mg/l		2.7	2.7
AFTER TREATMENT			
SETT. SOLIDS mg/l		0.08	
SUSP. SOLIDS mg/1		1.8	
BOD5 mg/l		0.4	1.6
Committee and the committee of the commi	2 100	000	4,440,000
TOTAL CAPITAL COST (\$)	2,100	000	250,000
ANNUAL OGM COST (\$)	/ 0	,000	250,000
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.			27601
REMOVED, LBS.		63.4	
% REMOVED		89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)	(2) (23	,500	71,200
TREATMENT COST (¢/1000 gals)	delay of	8.7	21.8

TOWN	WESTWOOD			
URBAN DRA	AINAGE AREA			
YEAR		2000		
ACRES		3079		
2 To 17 House Property Co. 18 (19 House Prop	ORM RUNOFF VOL.	30.5		
MIL.		96.9		
TOTAL STO	ORMWATER POLLUTANTS	Attende		
	. SOLIDS, LBS.	1293		
SHED	. SOLIDS, LBS.	15357		
BOD5		2258		
	ER TREATMENT	2230		
	T. DESCRIP.		SP	SMD
	ME TREAT., MG			66.4
	EATED		68.5	
	T REMOVALS		00.5	00.5
	. SOLIDS, LBS.		1228.3	1228.3
	. SOLIDS, LBS.		13821.3	
	, LBS.		1919.3	
	TS DISCHARGED		To Lot of the land of	303.2
	. SOLIDS, LBS.		64.7	64.7
	. SOLIDS, LBS.		1535.7	5375
	, LBS.		338.7	1354.8
AVG POL	LUTANT CONCENTRATIONS	Duran m	STATE OF THE PARTY	
	RE TREATMENT			
	. SOLIDS mg/l		1.6	1.6
	. SOLIDS mg/l		19.0	
	mg/1		2.8	2.8
AFTE	R TREATMENT		Philippen .	
	. SOLIDS mg/1		0.08	0.08
	. SOLIDS mg/1		1.9	6.7
	mg/l		0.4	1.7
TOTAL CA	PITAL COST (\$)	1	400,000	3,350,000
	&M COST (\$)		50,000	160,000
SUSP. SO	LIDS + BOD5			
	RE TREATMENT, LBS.		17615	
	VED, LBS.		15740.6	10885.2
	MOVED		89.4	61.8
CAPITAL	COSTS/% REMOVAL (\$)		15,700	54,200
TREATMEN	T COST (¢/1000 gals)		9.4	24.4
	,., ,			

TOWN	ABINGTON			
HERAN DEAT	INAGE AREA			
YEAR		2000		
ACRES		462		
	RM RUNOFF VOL.			
MIL. C		15.3		
TOTAL STOR	RMWATER POLLUTANTS			
	SOLIDS, LBS.	165		
SUSP.	SOLIDS, LBS.	1934		
BOD <sub>5</sub>		284		
	R TREATMENT			
	DESCRIP.		SP	SMD
	E TREAT., MG		10.5	10.5
% TREA			68.6	68.6
POLLUTANT				
	SOLIDS, LBS.		156.8	156.8
SUSP.	SOLIDS, LBS.		1740.6 241.4	1257.1
BOD5,			241.4	113.6
	DISCHARGED		8.2	8.2
	SOLIDS, LBS.		193.4	
BOD5,	SOLIDS, LBS.		42.6	170.4
	JTANT CONCENTRATIONS		72.0	170.4
	E TREATMENT			
THE RESERVE TO SERVE SHOW A RESERVE OF THE PARTY OF THE P	SOLIDS mg/l		1.3	1.3
	SOLIDS mg/1		15.2	15.2
BOD5 n			2.2	
	TREATMENT			
SETT.	SOLIDS mg/l		0.06	0.06
	SOLIDS mg/1		1.5	5.3
BOD5 n			0.3	1.3
	ITAL COST (\$)			1,350,000
ANNUAL O&N	1 COST (\$)		9,000	30,000
	IDS + BOD5			
	TREATMENT, LBS.		2218	2218
	ED, LBS.		1982	1370.7
% REMO	OVED		89.4	61.8
C107M17 C	SERG (A DEMONIA (A)		4,200	21,800
CAPITAL CO	OSTS/% REMOVAL (\$)		4,200	21,800
TREATMENT	COST (¢/1000 gals)		14.0	50.0
	0001 (7,1000, gala)			30.0

TOWN	DUXBURY		
HERAN DEA	AINAGE AREA		
YEAR		2000	
ACRES		48	
	ORM RUNOFF VOL.	40	
MIL.		1.6	
	RMWATER POLLUTANTS	<b></b>	
	SOLIDS, LBS.	23	
	. SOLIDS, LBS.	271	
BOD5		40	
	ER TREATMENT		
	r. DESCRIP.		NT
	ME TREAT., MG		-
	EATED		-
	r REMOVALS		
	. SOLIDS, LBS.		-
			-
BOD5,	. SOLIDS, LBS.		-
POLLUTANT	IS DISCHARGED		
SETT.	. SOLIDS, LBS SOLIDS, LBS.		23
SUSP.	. SOLIDS, LBS.		271
BOD5,	, LBS.		40
	LUTANT CONCENTRATION	S	
	RE TREATMENT		ALC: YOU
	. SOLIDS mg/1		1.7
	. SOLIDS mg/l		20.3
BOD5	mg/1		3.0
	R TREATMENT		1.7
	. SOLIDS mg/l		20.3
	. SOLIDS mg/1		3.0
BOD5	mg/1		3.0
TOTAL CAL	PITAL COST (\$)		
	EM COST (\$)		_
Autoria o	u. 0001 (4)		
SUSP. SOI	LIDS + BOD5		
BEFOR	RE TREATMENT, LBS.		311
REMO	VED, LBS.		•
% REI	MOVED		
74 P			JAVAN
CAPITAL (	COSTS/% REMOVAL (\$)		
	m noom (A/) 000		5505
TREATMEN'	T COST (¢/1000 gals)		

TOWN HANOVER			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	4415		
TOTAL STORM RUNOFF VOL.	1115		
MIL. GAL.	138.1		
TOTAL STORMWATER POLLUTANTS	The Later Assets		
SETT. SOLIDS, LBS.	1404		
SUSP. SOLIDS, LBS.	16684		
BOD5	2453		
STORMWATER TREATMENT			
TREAT. DESCRIP.	SP	SMD	
VOLUME TREAT., MG	94.3	94.3	
% TREATED	68.3	68.3	
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.		1333.8	
SUSP. SOLIDS, LBS.	15015.6		
BOD5, LBS.	2085	981.2	
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.	70.2 1668.4	70.2	
SUSP. SOLIDS, LBS.	1668.4	5839.4	
BOD5, LBS.	368	1471.8	
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT	, ,		
SETT. SOLIDS mg/l	1.2 14.5	1.2 14.5	
SUSP. SOLIDS mg/l BOD5 mg/l	2.1	2.1	
AFTER TREATMENT	2.1	2.1	
SETT. SOLIDS mg/1	0.06	0.06	
SUSP. SOLIDS mg/1	1.4		
BOD5 mg/1	0.3		
2023 1119/1			
TOTAL CAPITAL COST (\$)	1,925,000	4.100.000	
ANNUAL O&M COST (\$)	70,000	225,000	
SUSP. SOLIDS + BOD5		a service con	
BEFORE TREATMENT, LBS.	19137	19137	
REMOVED, LBS.	17100.6	11825.8	
% REMOVED	89.4	61.8	
CAPITAL COSTS/% REMOVAL (\$)	21,500	66,300	
		00.4	
TREATMENT COST (¢/1000 gals)	8.8	22.4	

TOWN HANSON		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	1661	
TOTAL STORM RUNOFF VOL.		
MIL. GAL.	42.6	
TOTAL STORMWATER POLLUTANTS		
SETT. SOLIDS, LBS.	419	
SUSP. SOLIDS, LBS.	5039	
BOD <sub>5</sub>	741	
STORMWATER TREATMENT		
TREAT. DESCRIP.	SP	SMD
VOLUME TREAT., MG	29.2	
% TREATED	68.5	68.5
POLLUTANT REMOVALS		
SETT. SOLIDS, LBS.	398	
SUSP. SOLIDS, LBS.	4535.1	
BOD5, LBS.	629.9	296.4
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	21	
SUSP. SOLIDS, LBS.	503.9	1763.6
BOD5, LBS.	111.1	444.6
AVG. POLLUTANT CONCENTRATIONS		
BEFORE TREATMENT		
SETT. SOLIDS mg/l	1.2	1.2
SUSP. SOLIDS mg/1	14.2	14.2
BOD5 mg/l	2.1	2.1
AFTER TREATMENT		
SETT. SOLIDS mg/l	0.0	6 0.06
SUSP. SOLIDS mg/1	1.4	
BOD5 mg/l	0.3	1.3
TOTAL CAPITAL COST (\$)	800,000	2,175,000
ANNUAL O&M COST (\$)	22,000	70,000
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.	5780	5780
REMOVED, LBS.		3571.8
% REMOVED	89.4	
* REMOVED		01.0
CAPITAL COSTS/% REMOVAL (\$)	8,900	35,200
TREATMENT COST (¢/1000 gals)	11.3	31.3
사용 등이 집에 대한 사용을 가지 않는 것이 되었다.		

TOWN MARSHFIELD		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	2108	
TOTAL STORM RUNOFF VOL.	2100	
MIL. GAL.	58.2	
TOTAL STORMWATER POLLUTANTS		
SETT. SOLIDS, LBS.	635	
SUSP. SOLIDS, LBS.	7590	
BOD <sub>5</sub>	1116	
STORMWATER TREATMENT		
TREAT. DESCRIP.	SP	SMD
VOLUME TREAT., MG	39.9	
% TREATED	68.6	68.6
POLLUTANT REMOVALS		
SETT. SOLIDS, LBS.		603.2
SUSP. SOLIDS, LBS.		4933.5
BOD5, LBS.	948.6	446.4
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	31.8	31.8
SUSP. SOLIDS, LBS.		2656.5
BOD5, LBS. AVG. POLLUTANT CONCENTRATIONS	167.4	669.6
BEFORE TREATMENT		
SETT. SOLIDS mg/l	1.3	1.3
SUSP. SOLIDS mg/1	15.6	
BOD5 mg/1	2.3	2.3
AFTER TREATMENT		
SETT. SOLIDS mg/l	0.07	0.07
SUSP. SOLIDS mg/1	1.6	
BOD5 mg/l	0.3	1.4
TOTAL CAPITAL COST (\$)	1,050,000	2 500 000
ANNUAL O&M COST (\$)		100,000
ANNOAL OWN COST (\$)	30,000	100,000
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.	8706	
REMOVED, LBS.	7779.6	5379.9
% REMOVED	89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)	11,800	40,500
TREATMENT COST (¢/1000 gals)	10.4	27.8

TOWN NORWELL		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	2839	
TOTAL STORM RUNOFF VOL.	2039	
MIL, GAL.	81.6	
TOTAL STORMWATER POLLUTANTS		
SETT. SOLIDS, LBS.	814	
SUSP. SOLIDS, LBS.	9714	
BOD5	1428	
STORMWATER TREATMENT	1120	
TREAT. DESCRIP.	SP	SMD
VOLUME TREAT., MG	55.9	55.9
% TREATED	68.5	68.5
POLLUTANT REMOVALS	00.5	00.5
SETT. SOLIDS, LBS.	773.3	773.3
SUSP. SOLIDS, LBS.	8742.6	
BOD5, LBS.	1213.8	571.2
POLLUTANTS DISCHARGED	1213.0	3/1.2
SETT. SOLIDS, LBS.	40.7	40.7
SUSP. SOLIDS, LBS.	971.4	3399.9
BOD5, LBS.	214.2	856.8
AVG. POLLUTANT CONCENTRATIONS	the state of the second second	030.0
BEFORE TREATMENT		
SETT. SOLIDS mg/1	1.2	1.2
SUSP. SOLIDS mg/1	14.3	
BOD5 mg/1	2.1	2.1
AFTER TREATMENT		
SETT. SOLIDS mg/1	0.06	0.06
SUSP. SOLIDS mg/1	1.4	
BOD5 mg/l	0.3	
20039/ 2		
TOTAL CAPITAL COST (\$)	1,275,000	3,000,000
ANNUAL OSM COST (\$)		130,000
EUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.	11142	11142
REMOVED, LBS.	9956.4	6885.3
* REMOVED	89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)	14,300	48,500
COST (¢/1000 gals)	9.8	25.5

TOWN	PEMBROKE		
URBAN DR	AINAGE AREA		
YEAR		2000	
ACRE	S	2931	
	ORM RUNOFF VOL.		
	GAL.	84.7	
	ORMWATER POLLUTANTS		
	. SOLIDS, LBS.	792	
	. SOLIDS, LBS.	9440	
BOD5		1388	
-	ER TREATMENT		
	T. DESCRIP.	SP	SMD
	ME TREAT., MG	58.0	58.0
	EATED	68.5	
	T REMOVALS		
	. SOLIDS, LBS.	752.4	752.4
	. SOLIDS, LBS.	8496	
BODE	, LBS.	1179.3	
	TS DISCHARGED	11.7.0	333.2
	. SOLIDS, LBS.	39.6	39.6
	. SOLIDS, LBS.	944	
	, LBS.	208.2	
	LUTANT CONCENTRATIONS		
	RE TREATMENT		
	. SOLIDS mg/1	1.1	1.1
	. SOLIDS mg/1	13.4	
	mg/1	2.0	
	R TREATMENT		
	. SOLIDS mg/l	0.06	0.00
	. SOLIDS mg/1	1.3	4.7
	mg/1	0 3	1.2
		0.3	
TOTAL CA	PITAL COST (\$)	1,300,000	3,100,000
	&M COST (\$)	44,000	140,000
SUSP. SC	LIDS + BOD5		
	RE TREATMENT, LBS.	10828	10828
REMO	VED, LBS.	9675.8	6691.2
	MOVED	89.4	61.8
CAPITAL	COSTS/% REMOVAL (\$)	14,500	50,200
TREATMEN	T COST (¢/1000 gals)	9.7	25.2

TOWN	ROCKLAND			
TIRRAN DRAT	INAGE AREA			
YEAR	THE PARTY OF THE P	2000		
ACRES		2076		
The second secon	RM RUNOFF VOL.	20,0		
MIL.		66.5		
	RMWATER POLLUTANTS	00.5		
	SOLIDS, LBS.	1044		
		12439		
	SOLIDS, LBS.	1830		
BOD <sub>5</sub>	- mppamupam	1030		
	R TREATMENT		CD	CMD
	DESCRIP.		SP 45.5	SMD
	TREAT., MG		68.4	45.5
% TREA			68.4	68.4
POLLUTANT				
	SOLIDS, LBS.		991.8	
	SOLIDS, LBS.		11195.1	
BOD5,			1555.5	732
	S DISCHARGED			
	SOLIDS, LBS.		52.2	52.2
	SOLIDS, LBS.			4353.7
BOD5,			274.5	1098
	JTANT CONCENTRATIONS			
BEFORE	E TREATMENT			
SETT.	SOLIDS mg/l		1.9	
SUSP.	SOLIDS mg/1		22.4	22.4
BOD5 r			3.3	3.3
AFTER	TREATMENT			
SETT.	SOLIDS mg/l		0.09	0.09
SUSP.	SOLIDS mg/1		2.2	7.8
BOD5 r			0.5	2.0
momar (32)	ITAL COST (\$)	•	100 000	2,650,000
	M COST (\$)		33,000	
ANNUAL OW	A COST (\$)		33,000	105,000
SUSP. SOL	IDS + BOD5		200	F 7842 37 (B)
BEFORE	E TREATMENT, LBS.			14269
	ED, LBS.			8817.3
% REMO			89.4	61.8
CAPITAL CO	OSTS/% REMOVAL (\$)		12,300	42,900
TREATMENT	COST (¢/1000 gals)		10.2	26.9

TOWN	SCITUATE			
URBAN DRA	INAGE AREA			
YEAR		2000		
ACRES		721		
	ORM RUNOFF VOL.			
MIL.		22.2		
	RMWATER POLLUTANTS			
	SOLIDS, LBS.	239		
	SOLIDS, LBS.	2844		
	SOLIDS, LDS.	418		
BOD5	R TREATMENT	410		
	DESCRIP.		SP	SMD
			15.3	
	E TREAT., MG		68.9	68.9
% TRE			00.9	00.9
	REMOVALS		227	227
	SOLIDS, LBS.		227	227
	SOLIDS, LBS.		2559.6	1848.6
BOD5,	LBS.		355.3	167.2
	S DISCHARGED			
	SOLIDS, LBS.		12.0	12.0 995.4
	SOLIDS, LBS.		284.4	995.4
BOD5,	LBS.		62.7	250.8
	JUTANT CONCENTRATIONS			
	RE TREATMENT		5 to 10 to 1	MINT BEST
SETT.	SOLIDS mg/l		1.3	1.3
SUSP.	SOLIDS mg/l		15.4	15.4
BOD5			2.3	2.3
AFTER	RTREATMENT			
SETT.	SOLIDS mg/l		0.06	
	SOLIDS mg/1		1.5	
BOD5	mg/l		0.3	1.4
TOTAL CAP	PITAL COST (\$)		500,000	1,500,000
	M COST (\$)		10,000	35,000
euch cot	LIDS + BOD5			
DEEUE	RE TREATMENT, LBS.		3262	3262
	ED, LBS.			2015.8
	OVED.		89.4	
* REP	OVED		09.4	61.8
CAPITAL C	COSTS/% REMOVAL (\$)		5,600	24,300
TREATMENT	COST (¢/1000 gals)		13.1	38.7

TOWN WEYMOUTH			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	169		
TOTAL STORM RUNOFF VOL.	103		
MIL. GAL.	4.2		
TOTAL STORMWATER POLLUTANTS	1000		
SETT. SOLIDS, LBS.	36		
SUSP. SOLIDS, LBS.	367		
BODs	54		
STORMWATER TREATMENT	•		
TREAT. DESCRIP.		NT	SP
VOLUME TREAT., MG			2.8
% TREATED			66.7
POLLUTANT REMOVALS			00.7
SETT. SOLIDS, LBS.			34.2
SUSP. SOLIDS, LBS.		nis L	330.3
BOD5, LBS.			45.9
POLLUTANTS DISCHARGED			45.9
SETT. SOLIDS, LBS.		36	1.8
SUSP. SOLIDS, LBS.		367	36.7
BOD5, LBS.		54	8.1
AVG. POLLUTANT CONCENTRATIONS		34	0.1
BEFORE TREATMENT	•		
SETT. SOLIDS mg/l		1.5	1.5
SUSP. SOLIDS mg/1		15.7	15.7
BODs mg/1		2.3	2.3
AFTER TREATMENT		2.5	2.3
SETT. SOLIDS mg/l		1.5	0.08
SUSP. SOLIDS mg/1		15.7	1.6
BOD <sub>5</sub> mg/1		2.3	0.3
BOD2 mg/1		2.3	0.3
TOTAL CAPITAL COST (\$)		Car Links	150,000
ANNUAL OWN COST (\$)			3,000
ANNUAL OWN COST (5,			3,000
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.		421	421
REMOVED, LBS.			376.2
REMOVED, LBS.			89.4
* REMOVED			09.4
CAPITAL COSTS/% REMOVAL (\$)		RUIN-R	1,700
TREATMENT COST (¢/1000 gals)			20.0
INDATEDIT COST (7/1000 gars)			20.0

TOWN BOXFORD			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	551		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	13.3		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	84		
SUSP. SOLIDS, LBS.	1015		
BOD5	149		
STORMWATER TREATMENT			-
TREAT. DESCRIP.		NT	SP
VOLUME TREAT., MG % TREATED		-	9.1
POLLUTANT REMOVALS			68.4
SETT. SOLIDS, LBS.			79.8
SUSP. SOLIDS, LBS.			913.5
BOD5, LBS.			126.7
POLLUTANTS DISCHARGED			120.7
SETT. SOLIDS, LBS.		84	4.2
SUSP. SOLIDS, LBS.		1015	
BOD5, LBS.		149	22.3
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT			
SETT. SOLIDS mg/1		0.8	0.8
SUSP. SOLIDS mg/l		9.2	9.2
BOD5 mg/l		1.3	1.3
AFTER TREATMENT			
SETT. SOLIDS mg/l		0.8	0.04
SUSP. SOLIDS mg/1		9.2	0.9
BOD5 mg/l		1.3	0.2
TOTAL CAPITAL COST (\$)			325,000
ANNUAL O&M COST (\$)			7,000
ANNOAD OWN CODY (4)			,,000
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.		1164	1164
REMOVED, LBS.		-	1040.2
% REMOVED			89.4
CAPITAL COSTS/% REMOVAL (\$)		IAWOLDE.	3,600
TREATMENT COST (¢/1000 gals)		200 (10)	14.3

TOWN	IPSWICH			
URBAN DRA	INAGE AREA			
YEAR		2000		
ACRES		127		
TOTAL STO	RM RUNOFF VOL.			
MIL.		3.8		
TOTAL STO	RMWATER POLLUTANTS			
	SOLIDS, LBS.	45		
	SOLIDS, LBS.	539		
BODs		79		
STORMWATE	R TREATMENT			
TREAT	. DESCRIP.		NT	SP
	E TREAT., MG		-	2.5
% TRE			_	67.6
POLLUTANT	REMOVALS			
	SOLIDS, LBS.		_	42.8
SUSP.	SOLIDS, LBS.		_	485.1
BODs,			_	67.2
	S DISCHARGED			
	SOLIDS, LBS.		45	2.2
SUSP.	SOLIDS, LBS.		539	53.9
BODS,	LBS.		79	11.8
	UTANT CONCENTRATIONS			
	E TREATMENT			
	SOLIDS mg/l		1.4	1.4
	SOLIDS mg/l		17.0	17.0
BOD5			2.5	2.5
	TREATMENT			
SETT.	SOLIDS mg/l		1.4	0.07
	SOLIDS mg/1		17.0	1.7
BOD5			2.5	0.4
	ITAL COST (\$)		Con -	150,000
ANNUAL O&	M COST (\$)			3,000
SUSP. SOL	IDS + BOD5			
BEFOR	E TREATMENT, LBS.		618	618
REMOV	ED, LBS.		-	552.3
% REM	OVED		•	89.4
CAPITAL C	costs/% REMOVAL (\$)		is en <del>-</del>	1,700
TREATMENT	COST (¢/1000 gals)		-	20.0

TOWN	IPSWICH		
URBAN DRA	AINAGE AREA		
YEAR		2000	
ACRES		1649	
TOTAL STO	ORM RUNOFF VOL.		
MIL.		58.1	
TOTAL STO	RMWATER POLLUTANTS		
	SOLIDS, LBS.	255	
	SOLIDS, LBS.	11412	
BOD5		1680	
-	ER TREATMENT		
	DESCRIP.	SP	SMD
	ME TREAT., MG	39.9	
	EATED	68.7	68.7
	r REMOVALS		Average bridge
	SOLIDS, LBS.	907.2	907.2
	SOLIDS, LBS.	10270.8	7417.8
	LBS.		672
POLLUTANT	TS DISCHARGED		Addison out to
	. SOLIDS, LBS.	47.8	47.8
	SOLIDS, LBS.	1141.2	3994.2
	LBS.	252	1008
AVG. POLI	LUTANT CONCENTRATIONS		
	RE TREATMENT		
	SOLIDS mg/1	2.0	2.0
	SOLIDS mg/l		23.6
	mg/1	3.5	
	R TREATMENT		area in car
	SOLIDS mg/l	0.1	0.1
	SOLIDS mg/1		8.2
	mg/1		2.1
2023	9/ =		
TOTAL CAL	PITAL COST (\$)	1,050,000	2,500,000
	M COST (\$)		120,000
	6001 (4)		
SUSP. SOI	LIDS + BOD5		
BEFOR	RE TREATMENT, LBS.	13092	13092
REMO	VED, LBS.		8,089.8
	MOVED	89.4	
o Kui	OVER		
CAPITAL C	COSTS/% REMOVAL (\$)	11,800	40,800
	(4)		
TREATMENT	r COST (¢/1000 gals)	10.4	27.8

A GROCKING CERTS STOTE CENTRAL CERTS OF CHARGE CENTRAL CENTRAL

TOWN	LYNN		
HERAN DE	AINAGE AREA		
YEAR		2000	
ACRE		60	
	ORM RUNOFF VOL.		
	GAL.	1.4	
	ORMWATER POLLUTANTS		
	. SOLIDS, LBS.	13	
SUSP	. SOLIDS, LBS.	162	
BODE		24	
STORMWAT	TER TREATMENT		
TREA	T. DESCRIP.		NT
	ME TREAT., MG		
	REATED		-
	T REMOVALS		
	r. SOLIDS, LBS.		
SUSI	P. SOLIDS, LBS.		-
BOD	LBS.		
	NTS DISCHARGED		13
SET	r. SOLIDS, LBS.		162
	P. SOLIDS, LBS.		24
BOD	LBS.		
	LLUTANT CONCENTRATIONS ORE TREATMENT		
			1.1
	r. SOLIDS mg/l P. SOLIDS mg/l		13.9
	5 mg/l		2.1
	ER TREATMENT		
	r. SOLIDS mg/l		1.1
	P. SOLIDS mg/1		13.9
	5 mg/1		2.1
DOD	3g/ -		
TOTAL C	APITAL COST (\$)		•
	O&M COST (\$)		
SUSP. S	OLIDS + BOD5		
BEF	ORE TREATMENT, LBS.		186
	OVED, LBS.		
* R	EMOVED		
CARTMAT	COSTS/% REMOVAL (\$)		
CAPITAL	CODID/ & KENOVAL (V)		
	wm coom (A/1000 ==1=)		
TREATME	NT COST (¢/1000 gals)		

TOWN	MARBLEHEAD			
URBAN DRAIN	NAGE AREA			
YEAR		2000		
ACRES		582		
	M RUNOFF VOL.			
MIL. GA		18.0		
TOTAL STORM	MWATER POLLUTANTS			
SETT. S	SOLIDS, LBS.	243		
SUSP. S	SOLIDS, LBS.	2900		
BOD <sub>5</sub>		426		
STORMWATER				
	DESCRIP.		SP	SMD
VOLUME	TREAT., MG		12.3	12.3
% TREA!			68.3	68.3
POLLUTANT 1				
SETT.	SOLIDS, LBS.		230.8	
	SOLIDS, LBS.		2610	1885
BOD5,			362.1	170.4
	DISCHARGED			
	SOLIDS, LBS.		12.2	12.2
	SOLIDS, LBS.		290	1015
BOD5,			63.9	255.6
	TANT CONCENTRATIONS			
	TREATMENT		A Physical Line	Daily Waste
	SOLIDS mg/l		1.6	1.6
	SOLIDS mg/l		19.3	19.3
BOD5 m	g/1 TREATMENT		2.8	2.8
	SOLIDS mg/l		0.08	0.08
	SOLIDS mg/1		1.9	
BOD5 m			0.4	1.7
BOD5 III	9/1		0.4	1.
TOTAL CAPT	TAL COST (\$)		400.000	1,450,000
ANNUAL O&M			10,000	35,000
minoria our	G051 (4)		20,000	33,000
SUSP. SOLI	DS + BODs			
BEFORE	TREATMENT, LBS.		3326	3326
REMOVE	D, LBS.		2972.1	2055.4
% REMO			89.4	61.8
	<b>经</b>		TANKS OF LA	THE ROLL STREET
CAPITAL CO	STS/% REMOVAL (\$)		4,500	23,500
TREATMENT	COST (¢/1000 gals)		13.7	47.0

TOWN ·	SALEM			
URBAN DRAIL	NACE AREA			
YEAR	MACE AIGH	2000		
ACRES		992		
	M RUNOFF VOL.			
MIL. G		39.9		
	MWATER POLLUTANTS			
	SOLIDS, LBS.	855		
	SOLIDS, LBS.	10121		
BOD5	302100, 220.	1488		
STORMWATER	TREATMENT			
	DESCRIP.		SP	SMD
	TREAT., MG		27.4	
% TREA		9.0	68.7	
POLLUTANT I				
	SOLIDS, LBS.		812.3	812.3
	SOLIDS, LBS.		9108.9	6578.6
BODs,			1264.8	
	DISCHARGED			
	SOLIDS, LBS.		42.7	42.7 3542.4
SUSP.	SOLIDS, LBS.		1012.1	3542.4
BOD5,	LBS.		223.2	892.8
	TANT CONCENTRATIONS			
	TREATMENT			
	SOLIDS mg/l		2.6	2.6
	SOLIDS mg/1		30.4	
BOD5 m			4.5	4.5
	TREATMENT			
	SOLIDS mg/l		0.1	0.1
	SOLIDS mg/1			10.6
BOD5 m			0.7	2.7
TOTAL CAPI	TAL COST (\$)	1,	050,000	2,500,000
ANNUAL O&M			30,000	120,000
SUSP. SOLI	DS + BODs			
	TREATMENT, LBS.		11609	11609
	D, LBS.		10373.7	7173.8
% REMO			89.4	61.8
CAPITAL CO	STS/% REMOVAL (\$)		11,800	40,500
TREATMENT	COST (¢/1000 gals)		10.4	27.8

TOWN SWA	MPSCOTT				
URBAN DRAINAGE	AREA				
YEAR		2000			
ACRES		143			
TOTAL STORM RU	NOFF VOI.				
MIL. GAL.	NOTE VOL.	5.0			
TOTAL STORMWAT	ED DOLLIMANTS	3.0			
SETT. SOLI		65			
SUSP. SOLI		756			
	ра, цва.	111			
BOD <sub>5</sub> STORMWATER TRE	AMMENIT	111			
TREAT. DES			NT	SP	
			MI	3.5	
VOLUME TRE	AT., MG			70	
% TREATED				/0	
POLLUTANT REMO				61.8	
SETT. SOLI				680.4	
SUSP. SOLI				94.4	
BOD5, LBS.			ATTOR AND	94.4	
POLLUTANTS DIS			65	3.2	
SETT. SOLI			756	75.6	
SUSP. SOLI			111	16.6	
BOD5, LBS.			111	10.0	
	CONCENTRATIONS				
BEFORE TRE			1.6	1 .	
SETT. SOLI			18.1	1.6 18.1	
SUSP. SOLI	DS mg/l		2.7	2.7	
BOD <sub>5</sub> mg/l			2.1	2.1	
AFTER TREA			1.6	0.08	
SETT. SOLI			18.1	1.8	
SUSP. SOLI	DS mg/I		2.7	0.4	
BOD5 mg/l			2.1	0.4	
TOTAL CAPITAL	COST (\$)			190,000	
ANNUAL OWN COS				4,000	
ANNUAL CAM COS	1 (4)			.,	
SUSP. SOLIDS +	BODE				
	ATMENT, LBS.		867	867	
REMOVED, L			-	774.8	
% REMOVED			-	89.4	
C KENOVED					
CAPITAL COSTS/	% REMOVAL (\$)			2,100	
TREATMENT COST	(¢/1000 gals)			20.4	

TOWN EVERETT				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	325			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	7.9			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	131			
SUSP. SOLIDS, LBS.	1572			
BOD5	231			
STORMWATER TREATMENT				
TREAT. DESCRIP.		NT	SP	SMD
VOLUME TREAT., MG		_	5.4	
% TREATED		-	68.4	68.4
POLLUTANT REMOVALS				
SETT. SOLIDS, LBS.		_	124.5	117.9
SUSP. SOLIDS, LBS.		-	1414.8	1021.8
BODs, LBS.		_	196.4	92.4
POLLUTANTS DISCHARGED				
SETT. SOLIDS, LBS.		131	6.5	13.1
SUSP. SOLIDS, LBS.		1572	157.2	550.2
BOD5, LBS.		231	34.6	138.6
AVG. POLLUTANT CONCENTRATIONS				
BEFORE TREATMENT	and the state of the			
SETT. SOLIDS mg/1		2.0	2.0	2.0
SUSP. SOLIDS mg/1		23.9	23.9	23.9
BOD5 mg/l		3.5	3.5	3.5
AFTER TREATMENT				
SETT. SOLIDS mg/l		2.0	0.1	0.2
SUSP. SOLIDS mg/1		23.9	2.4	8.3
BOD5 mg/l		3.5	0.5	2.1
2023 119/2				
TOTAL CAPITAL COST (\$)		-	200,000	1,000,000
ANNUAL OEM COST (\$)			5,000	
Participa Garages (4)				
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		1803	1803	1803
REMOVED, LBS.			1611.2	1114.2
% REMOVED		-	89.4	61.8
* REPOYED				
CAPITAL COSTS/% REMOVAL (\$)		diverse.	2,200	16,200
			16.0	67.0
TREATMENT COST (¢/1000 gals)			16.0	67.0

TOWN	LYNN				
URBAN DRAI YEAR ACRES	NAGE AREA	2000 1305			
	RM RUNOFF VOL.				
MIL. G	AL. MWATER POLLUTAN	47.3			
SETT.	SOLIDS, LBS.	946			
	SOLIDS, LBS.	11211 1648			
BOD5 STORMWATER	TREATMENT	1040			
	DESCRIP.		SP	SMD	MD
VOLUME % TREA	TREAT., MG		32.5 68.7	32.5 68.7	32.5 68.7
	REMOVALS				
	SOLIDS, LBS.			898.7	
SUSP. BOD5,	SOLIDS, LBS.		10089.9	7287.2 659.2	5045 329.6
	DISCHARGED		1400.8	037.2	329.0
SETT.	SOLIDS, LBS.		47.3	47.3	94.6
	SOLIDS, LBS.			3923.8 988.8	
BOD5,	LES. TANT CONCENTRAT	TONS	247.2	960.0	1310.4
	TREATMENT	10110			
	SOLIDS mg/1		2.4	2.4 28.4	2.4
SUSP. BOD5 m	SOLIDS mg/l		4.2	4.2	28.4
	TREATMENT				
	SOLIDS mg/l			0.1	
	SOLIDS mg/l		2.8		15.6
BOD5 n	ud/T		0.0	2.5	3.3
	TAL COST (\$)			2,250,000	
ANNUAL OWN	COST (\$)		24,000	80,000	230,000
SUSP. SOLI	IDS + BOD5				a contract
	E TREATMENT, LBS	•		12859	
REMOVE % REMO	ED, LBS.		89.4	7946.4 61.8	41.8
6 KLIPK					
CAPITAL CO	OSTS/% REMOVAL	(\$)	9,800	36,400	110,000
TREATMENT	COST (¢/1000 ga	als)	11.0	29.5	75.9

TOWN LYNNFIELD			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	2605		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	74.4		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	665		
SUSP. SOLIDS, LBS.	7922		
BODs	1165		
STORMWATER TREATMENT			
TREAT. DESCRIP.		SP	SMD
VOLUME TREAT., MG		51.1	
% TREATED		68.7	68.7
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.		631.8	631.8
SUSP. SOLIDS, LBS.		7129.8	5149.3
BOD5, LBS.		990.2	466
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.		33.2	33.2
SUSP. SOLIDS, LBS.			2772.7
BODS, LBS.		174.8	699
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT			
SETT. SOLIDS mg/l		1.1	
SUSP. SOLIDS mg/l		12.8	12.8
BOD5 mg/l		1.9	1.9
AFTER TREATMENT			
SETT. SOLIDS mg/1		0.05	0.05
SUSP. SOLIDS mg/1		1.3	4.5
BOD5 mg/l		0.3	1.1
TOTAL CAPITAL COST (\$)		1.225.000	2,800,000
ANNUAL OEM COST (\$)		38,000	115,000
ANNUAL OWN COST (\$)			TROS MAR
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.		9087	
REMOVED, LBS.			5615.3
% REMOVED		89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)		13,700	45,300
TREATMENT COST (¢/1000 gals)		9.8	26.0

TOWN MALDEN				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	877			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	29.7	.Joy 310		
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	551			
SUSP. SOLIDS, LBS.	6544			
BODs	962			
STORMWATER TREATMENT				
TREAT. DESCRIP.			SMD	MD
VOLUME TREAT., MG		20.4	20.4	20.4
% TREATED		68.7	68.7	68.7
POLLUTANT REMOVALS				
SETT. SOLIDS, LBS.			523.5	
SUSP. SOLIDS, LBS.			4253.6	
BODS, LBS.		817.7	384.8	192.4
POLLUTANTS DISCHARGED				
SETT. SOLIDS, LBS.		27.5	27.5	55.1
SUSP. SOLIDS, LBS.		654.4	2290.4	3599.2
BOD5, LBS.		144.3	27.5 2290.4 577.2	769.6
AVG. POLLUTANT CONCENTRATIONS				
BEFORE TREATMENT				
SETT. SOLIDS mg/l			2.2	2.2
SUSP. SOLIDS mg/1		26.4		26.4
BOD <sub>5</sub> mg/l		3.9	3.9	3.9
AFTER TREATMENT			Aven good	
SETT. SOLIDS mg/l		0.1		
SUSP. SOLIDS mg/1			9.2	
BOD5 mg/1		0.6	2.3	3.1
TOTAL CAPITAL COST (\$)		635,000	1,850,000	3,000,000
ANNUAL OEM COST (\$)		16,000	55,000	150,000
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		7506		
REMOVED, LBS.			4638.4	
* REMOVED		89.4	61.8	41.8
CAPITAL COSTS/& REMOVAL (\$)		7,100	29,900	72,000
60075X 00076		JAVOVER .	NEDERO LAS	CITAD
TREATMENT COST (¢/1000 gals)		14.8	38.2	78.6
yare				

The same of the sa

TOWN MELROSE			
TOWN FEEDROOF			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	593		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	19.4		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	240		
SUSP. SOLIDS, LBS.	4160		
BODs	611		
STORMWATER TREATMENT			
TREAT. DESCRIP.	SP	SMD	MD
VOLUME TREAT., MG	13.3	13.3	13.3
% TREATED	68.6	68.6	68.6
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.	330.6	330.6	313.2
SUSP. SOLIDS, LBS.	3744	2704	1872
BOD5, LBS.	519.4	244.4	122.2
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.	17.4	17.4	34.8
SUSP. SOLIDS, LBS.	416	1456	
BOD5, LBS.	91.6	366.6	488.8
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT			
SETT. SOLIDS mg/l		2.2	
SUSP. SOLIDS mg/1	25.7	25.7	
BOD5 mg/l	3.8	3.8	3.8
AFTER TREATMENT	4\000	actions in the	de la
SETT. SOLIDS mg/l	0.1	0.1	
SUSP. SOLIDS mg/1	2.6	9.0	
BOD5 mg/1	0.6	2.3	3.0
TOTAL CAPITAL COST (\$)	450.000	1.475.000	2,000,000
ANNUAL OSM COST (\$)		35,000	100,000
ANNOAD OWN CODI (V)		H & MITTO	0.05120
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	4771		4771
REMOVED, LBS.	4263.4	2948.4	1994.2
* REMOVED	89.4	61.8	41.8
7,100 27,500 72	REMOVELL (S)	8 4 200 CVP - 1	
CAPITAL COSTS/% REMOVAL (\$)	5,000	23,900	47,900
	THIS SOUND	F TROO STOR	TARRO
TREATMENT COST (¢/1000 gals)	13.5	43.0	83.0

4

(elsp 0001%) fact amparager

TOWN READING			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	1581		
TOTAL STORM RUNOFF VOL.	1301		
MIL. GAL.	51.5		
TOTAL STORMWATER POLLUTANTS	31.3		
SETT. SOLIDS, LBS.	736		
SUSP. SOLIDS, LBS.	8760		
BOD5	1288		
STORMWATER TREATMENT	2200		
TREAT. DESCRIP.		SP	SMD
VOLUME TREAT., MG		35.3	
* TREATED			68.5
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.		699 2	699.2
SUSP. SOLIDS, LBS.		The second secon	5694
BODS, LBS.		1094.8	
POLLUTANTS DISCHARGED		2031.0	
SETT. SOLIDS, LBS.		36.8	36.8
SUSP. SOLIDS, LBS.		876	
BODS, LBS.		193.2	
AVG. POLLUTANT CONCENTRATION	S		
BEFORE TREATMENT	Other.	SPACEORIAN PSYSTEM	
SETT. SOLIDS mg/1		1.7	1.7
SUSP. SOLIDS mg/1		20.4	
BOD5 mg/1		3.0	
AFTER TREATMENT			C. S. St. Mar. 1975
SETT. SOLIDS mg/1		0.09	0.09
SUSP. SOLIDS mg/1			7.1
BOD5 mg/1		0.4	
TOTAL CAPITAL COST (\$)		925.000	2,350,000
ANNUAL OGM COST (\$)			85,000
SUSP. SOLIDS + BODS		12.6	AMILE MADE
BEFORE TREATMENT, LBS.		10,048	10,048
REMOVED, LBS.		8978.8	
REMOVED		89.4	
6. 18		69.4	01.0
CAPITAL COSTS/% REMOVAL (\$)		10,300	38,000
TREATMENT COST (0/1000 gals)		10.8	29.0

TOWN REVERE			HOAMIAGO	
URBAN DRAINAGE AREA			4.0	
YEAR	2000			
ACRES	1538		MUL ISRUTE	
TOTAL STORM RUNOFF VOL.	6.48			
MIL. GAL.	52.8		laguninacte.	
TOTAL STORMWATER POLLUTAN				
SETT. SOLIDS, LBS.	1005			
SUSP. SOLIDS, LBS.	11953			
BOD <sub>5</sub>	1757			
STORMWATER TREATMENT				91
TREAT. DESCRIP.			SMD	
VOLUME TREAT., MG			36.3	
% TREATED		68.8	68.8	68.8
POLLUTANT REMOVALS				
SETT. SOLIDS, LBS.		954.8	954.8	904.5
SUSP. SOLIDS, LBS.			7769.5	
BOD5, LBS.		1493.5	702.8	351.4
POLLUTANTS DISCHARGED				
SETT. SOLIDS, LBS.			50.2	
SUSP. SOLIDS, LBS.		1195.3	4183.5 1054.2	6574.1
BOD5, LBS.		263.5	1054.2	1405.6
AVG. POLLUTANT CONCENTRAT	CIONS			
BEFORE TREATMENT			gidoa . Ti	
SETT. SOLIDS mg/l			2.3	
SUSP. SOLIDS mg/1		27.1	27.1	27.1
BOD <sub>5</sub> mg/l		4.0	4.0	4.0
AFTER TREATMENT		4 V Day 12		
SETT. SOLIDS mg/l		0.1	0.1 9.5	0.2
SUSP. SOLIDS mg/1		2.7	9.5	
BOD5 mg/1		0.6	2.4	3.2
TOTAL CAPITAL COST (\$)		925,000	2,350,000	5,500,000
ANNUAL OEM COST (\$)		26,000	85,000	275,000
SUSP. SOLIDS + BOD5		ar reserve		
BEFORE TREATMENT, LBS		13710	13710	13710
REMOVED, LBS.		12251.2	8472.3	5730.3
* REMOVED		89.4	61.8	41.8
500,86 000,01	(2)	ARYCMIA		
CAPITAL COSTS/% REMOVAL (	(\$)	10,300	38,000	132,000
10.81 8.01	tala	0001/0)	TOOD THEN	
TREATMENT COST (¢/1000 ga	ls)	10.8	33.9	76.4

#### STORMWATER MANAGEMENT SUMMARY

#### SAUGUS RIVER BASIN

TOWN SAUGUS			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	3064		
TOTAL STORM RUNOFF VOL.	What is		
MIL. GAL.	103.8		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	2155		
SUSP. SOLIDS, LBS.			
BODs	3773		
STORMWATER TREATMENT			
TREAT. DESCRIP.	SP	SMD	MD
VOLUME TREAT., MG	71.1	71.1	71.1
* TREATED	68.5	68.5	68.5
POLLUTANT REMOVALS		W. 1.4.55	2 4
SETT. SOLIDS, LBS.	2047.3	2047.3	1939.5
SETT. SOLIDS, LBS.	23091.3	16677	
SUSP. SOLIDS, LBS.	3207		754.6
BOD5, LBS.	3207	1309.2	754.0
POLLUTANTS DISCHARGED	107.7	107 7	215.5
SETT. SOLIDS, LBS.	2565.7		
SUSP. SOLIDS, LBS.			
BOD5, LBS.	566	2263.8	3018.4
AVG. POLLUTANT CONCENTRATIONS	BARTERATERIOR		
BEFORE TREATMENT	THE PARTY OF THE P	MARRY 180	336
SETT. SOLIDS mg/1	4.8		4.8
SUSP. SOLIDS mg/1	29.6		29.6
BOD5 mg/l	4.4	4.4	4.4
AFTER TREATMENT		SEMPLE OF AR	
SETT. SOLIDS mg/l	0.1		
SUSP. SOLIDS mg/1	3.0		
BOD5 mg/1	0.7	2.6	3.5
TOTAL CAPITAL COST (\$)	1,500,000	3,400,000	10,500,000
ANNUAL OEM COST (\$)	52,000	165,000	525,000
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	29,430	29,430	29,430
REMOVED, LBS.	26298.3	18186.2	12,300.2
REMOVED	89.4	61.8	
		GRAY OPEN	
CAPITAL COSTS/% REMOVAL (\$)	16,800	55,000	251,000
TREATMENT COST (¢/1000 gals)	(8/80 00 9.2	24.0	74.3

TOWN WAKEFIELD			
URBAN DRAINAGE AREA		RA TOMMIA	
	2000		
	1806		
TOTAL STORM RUNOFF VOL.			
	54.2		
TOTAL STORMWATER POLLUTANTS	LEMA STANDA		
	903		
	1583		
BOD5 STORMWATER TREATMENT	T303		
TREAT. DESCRIP.	CD	SMD	MD
VOLUME TREAT., MG		37.1	
		68.5	
% TREATED	00.5	06.5	20.5
POLLUTANT REMOVALS	057 0	857.9	912 7
SETT. SOLIDS, LBS.	057.5	7000.5	1016 5
SUSP. SOLIDS, LBS.	1345.5	622.2	316.6
BOD5, LBS.	1343.3	033.2	310.0
POLLUTANTS DISCHARGED	45.1	45.1	90 3
SETT. SOLIDS, LBS.	1077	3769.5	5022 5
SUSP. SOLIDS, LBS.		949.8	
BOD5, LBS.	231.3	343.0	1200.4
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT	2.0	2 0	2.0
SETT. SOLIDS mg/1	2.0	2.0 23.8	2.0
SUSP. SOLIDS mg/1		23.8	23.8
BOD <sub>5</sub> mg/1	3.5	3.5	3.5
AFTER TREATMENT		0.1	0.2
SETT. SOLIDS mg/l		9.3	
SUSP. SOLIDS mg/1		2.1	
BOD5 mg/l	0.5	2.1	2.0
r. 462, 61, 669, 664 r. 669, 668, c	050 000	2,450,000	5 500 000
TOTAL CAPITAL COST (\$)	20,000	90,000	275 000
ANNUAL OEM COST (\$)	28,000	30,000	2/3,000
CUCD COLLDS + BOD-			
SUSP. SOLIDS + BOD5	12353	12353	12353
BEFORE TREATMENT, LBS.	11038.5	7633.7	5163.1
REMOVED, LBS.	89.4		
* REMOVED		· · · · · · · · · · · · · · · · · · ·	
CAPITAL COSTS/% REMOVAL (\$)	10,600	39,600	132,000
TREATMENT COST (¢/1000 gals)	(minp 110.7	28.5	76.3

TOWN ANDOVER	and the second second	
MARLY DOLLNAGE AREA	GS04G4E	
URBAN DRAINAGE AREA	2000 A35A 3DAW AND	
YEAR	7291	
ACRES	7271	
TOTAL STORM RUNOFF VOL.	105 1 Prot Suprime property	
MIL. GAL.	195.1 NOW THOMUS MACTE	
TOTAL STORMWATER POLLUTANT		
SETT. SOLIDS, LBS.	2003	
SOSP. SOUTING, TIPO.	23924	
BOD5	23516	
STORMWATER TREATMENT	14000 C	
TREAT. DESCRIP.	SP SMD	
VOLUME TREAT., MG	133.8 133.8	
* TREATED	68.6 68.6	
POLLUTANT REMOVALS		
SETT. SOLIDS, LBS.	1902.8 1902.8	
SUSP. SOLIDS, LBS.	21531.6 15550.6	
BOD5, LBS.	2988.6 1406.4	
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	100.2 100.2	
SUSP. SOLIDS, LBS.	2392,4 8373.4	
BOD5, LBS.	527.4 2109.6	
AVG. POLLUTANT CONCENTRATI	ONS CONS	
BEFORE TREATMENT		
SETT. SOLIDS mg/1	1.2	
SUSP. SOLIDS mg/1	14.7	
BODs mg/1	2.2 2.2	
AFTER TREATMENT		
SETT. SOLIDS mg/l	0.06 0.06	
SUSP. SOLIDS mg/1	1.5	
BOD5 mg/1	0.3	
4 TO 10 TO 1	The second of the second of the second	
TOTAL CAPITAL COST (\$)	2,600,000 5,100,000	
ANNUAL OEM COST (\$)	100,000 320,000	
1000 000 000 000 000		
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.	27440 27440	
REMOVED, LBS.	24520.2 16957	
REMOVED	89.4 61.8	
<b>非工程</b>	anueoria e	
CAPITAL COSTS/& REMOVAL (\$	) 29,100 82,500	
व्याप्त अर्थ व्याप्त विकास	AREALINY MEH PARCED ACT	
TREATMENT COST (¢/1000 gal	8.4 20.8	

#### STORMWATER MANAGEMENT SUMMARY

#### SHAWSHEEN RIVER BASIN

TOWN	BEDFORD			
HODAN DOA	INAGE AREA			
YEAR		2000		
ACRES		4710		
		4/10		
MIL.	ORM RUNOFF VOL.	170 0		
		178.0		
	RMWATER POLLUTANTS	2542		
	SOLIDS, LBS.	3643		
	SOLIDS, LBS.	43359		
BOD <sub>5</sub>		6380		
	ER TREATMENT			
	DESCRIP.		SP	SMD
	ME TREAT., MG		122	
	EATED		68.5	. 68.5
	REMOVALS			
SETT.	SOLIDS, LBS.		3460.8	3460.8
SUSP.	SOLIDS, LBS.		39023.1	
BOD5	LBS.		5423	2552
	S DISCHARGED			
	SOLIDS, LRS.		182.2	182.2
SUSP	SOLIDS, LBS.			15175.6
	LBS.		957	
AVG. POLI	LUTANT CONCENTRATION	IS		ragina y transit an <del>tic</del> a. Mana y transit antica
	RE TREATMENT			
	SOLIDS mg/l		2.5	2.5
	SOLIDS mg/l		29.2	
BOD5			4.3	
AFTE	RTREATMENT			
	SOLIDS mg/l		0.1	0.1
	SOLIDS mg/1		2.9	
	mg/1		0.6	
1005	mg/L		0.0	2.0
MOMAT CAL	PITAL COST (\$)	9	325 000	4,750,000
	M COST (\$)	۷,	99 000	280,000
ANNUAL O	em Cost (\$)		89,000	280,000
ensp son	LIDS + BODS			
BEEO!	RE TREATMENT, LBS.		49739	49739
	VED, LBS.		44446.1	30735.4
	MOVED		89.4	61.8
* REI	MOVED			
CAPITAL	COSTS/% REMOVAL (\$)		26,000	76,900
CAFIIAL	COSTO, & REPOVAL (\$)			,
TREATMEN'	r COST (¢/1000 gals)		8.5	21.2

TOWN	BILLERICA		HE FRUE
URBAN D	RAINAGE AREA		
YEA	R	2000	
ACR		3096	
	TORM RUNOFF VOL.	3096	
	. GAL.	90.1	
	TORMWATER POLLUTANTS	90.1	
	T. SOLIDS, LBS.	1142	
	P. SOLIDS, LBS.	13570	
BOD		1995	
	TER TREATMENT	1993	
	AT. DESCRIP.	SP	SMD
VOL	UME TREAT., MG	61.0	
	REATED		
	NT REMOVALS	67.7	67.7
	T. SOLIDS, LBS.	1004 0	1004 0
		1084.9	
	P. SOLIDS, LBS.	12213	8820.5
	NTS DISCHARGED	1695.8	798
		49043	nonto autor
	T. SOLIDS, LBS.	57.1	57.1
	P. SOLIDS, LBS.	1357	
	5, LBS.	299.2	1197
	LLUTANT CONCENTRATIONS	A CONTRACTOR OF THE	
	ORE TREATMENT		or and a second control of the second contro
	T. SOLIDS mg/l	1.5	1.5
	P. SOLIDS mg/1	18.1	18.1
BOD	5 mg/l	2.7	2.7
	ER TREATMENT		
	T. SOLIDS mg/1	0.08	
	P. SOLIDS mg/1	1.8	
BOD	5 mg/l	0.4	1.6
TOTAL C	APITAL COST (\$)	1 350 000	3,100,000
	OEM COST (\$)	44,000	140,000
AMMOND	Oan Cost (4)	44,000	140,000
SUSP. S	OLIDS + BOD5		
	ORE TREATMENT, LBS.	15565	15565
	OVED, LBS.	13908.8	9618.5
	EMOVED	89.4	61.8
	李小老母	89.4	
CAPITAL	COSTS/% REMOVAL (\$)	15,100	50,200
TREATME	NT COST (¢/1000 gals)	9.6	24.9
		THE RESERVE OF THE PARTY OF THE	ACCUPATION OF STREET STREET, SAN

TOWN BURLINGTON			
URBAN DRAINAGE AREA	2000		
YEAR	4000		
ACRES	4000		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	144.9		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	2405		
SUSP. SOLIDS, LBS.	28485		
BODs	4189		
STORMWATER TREATMENT			
TREAT. DESCRIP.		SP	SMD
VOLUME TREAT., MG	9	9.3	99.3
% TREATED		8.5	68.5
POLLUTANT REMOVALS		G. G.	
SETT. SOLIDS, LBS.	228	34.7	2284.7
		36.5	
SUSP. SOLIDS, LBS.	354	50.6	1675.6
BOD <sub>5</sub> , LBS.	330		1075.0
POLLUTANTS DISCHARGED		20.3	120.3
SETT. SOLIDS, LBS.		18.5	
SUSP. SOLIDS, LBS.			
BOD5, LBS.		28.4	2513.4
AVG. POLLUTANT CONCENTRATIONS	S		
BEFORE TREATMENT			507 T-10 000
SETT. SOLIDS mg/1		2.0	2.0
SUSP. SOLIDS mg/1		23.6	23.6
BOD5 mg/l		3.5	3.5
AFTER TREATMENT			
SETT. SOLIDS mg/1		0.1	0.1
SUSP. SOLIDS mg/1		2.4	8.2
BOD5 mg/l		0.5	2.1
1,005 119,1			
TOTAL CAPITAL COST (\$)	2,000	.000	4,200,000
ANNUAL OLM COST (\$)	73	.000	235,000
ANNUAL OWN COST (4)			
SUSP. SOLIDS + BOD5			
	3:	2674	32674
BEFORE TREATMENT, LBS.		7.1	20190.8
REMOVED, LBS.		39.4	61.8
% REMOVED		•••	
000 00 000 000	22	400	68,000
CAPITAL COSTS/% REMOVAL (\$)		,400	00,000
6.45 3.45		8.8	23,2
TREATMENT COST (¢/1000 gals)		0.0	23.2

TOWN CONCORD			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	343		
TOTAL STORM RUNOFF VOL.	16.2		
TOTAL STORMWATER POLLUTANTS	10.2		
SETT. SOLIDS, LBS.	193		get and proper
SUSP. SOLIDS, LBS.	2217		
BODs	326		
STORMWATER TREATMENT			
TREAT. DESCRIP.		SP	SMD
VOLUME TREAT., MG		11.1	
% TREATED		68.5	68.5
POLLUTANT REMOVALS		100 4	100 4
SETT. SOLIDS, LBS.			183.4 1441
SUSP. SOLIDS, LBS.		277 1	130.4
BOD5, LBS. POLLUTANTS DISCHARGED		211.1	130.4
SETT. SOLIDS, LBS.		9.6	9.6
SUSP. SOLIDS, LBS.			776
BODS, LBS.		48.9	
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT			
SETT. SOLIDS mg/1		1.4	
SUSE. SOLIDS mg/1		16.4	
BOD5 mg/1		2.4	2.4
AFTER TREATMENT		0 07	0.07
SETT. SOLIDS mg/l			5.7
SUSP. SOLIDS mg/1		0.4	
BOD5 mg/1			
TOTAL CAPITAL COST (\$)		375,000	1,350,000
ANNUAL OEM COST (\$)			30,000
200757			thad a mad a
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.		2543	
REMOVED, LBS.		2272.4	
% REMOVED		89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)	1.01	4,200	21,800
			A CONTROL OF MA
TREATMENT COST (¢/1000 gals)		14.0	50.0

TOWN LAWRENCE		
TOWN LAWRENCE		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	548	
TOTAL STORM PUNOFF VOL.		
MIL. GAL.	14.8	
TOTAL STORMWATER POLLUTANTS		
SETT. SOLIDS, LBS.	251	
SUSP. SOLIDS, LBS.	2988	
BOD5	439	
STOPMWATER TREATMENT		
TREAT. DESCRIP.	SP	SMD
VOLUME TREAT., MG	10.1	10.1
% TREATED	68.2	68.2
POLLUTANT REMOVALS		
SETT. SOLIDS, LBS.	238.5	238.5
SUSP. SOLIDS, LBS.	2689.2	1942.2
BODS, LBS.	373.2	175.6
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	12.5	12.5
SUSP. SOLIDS, LBS.	298.8	
BOD5, LBS.	65.8	
AVG. POLLUTANT CONCENTRATION		
BEFORE TREATMENT		
SETT. SOLIDS mg/1	2.0	2.0
SUSP. SOLIDS mg/1	24.2	24.2
BODs mg/l	3.6	3.6
AFTER TREATMENT		
SETT. SOLIDS mg/1	0.1	0.1
SUSP. SOLIDS mg/1	2.4	8.5
BODs mg/l	0.5	2.1
BUT ARE TO THE REST		
TOTAL CAPITAL COST (\$)	350,000	1,300,000
ANNUAL OSM COST (\$)	8,000	25,000
		att a marrie was
SUSP. SOLIDS + BOD5		MA SUBJECTION
BEFORE TREATMENT, LBS.	3427	3427
REMOVED, LBS.	3062.4	2117.8
% REMOVED	89.4	61.8
DESCRIPTION OF A STREET		
CAPITAL COSTS/% REMOVAL (\$)	3,900	21,000
0.45	Sales marin	L PROPERTY OF STREET
TREATMENT COST (¢/1000 gals)	14.3	49.7

TOWN	LEXINGTON				
URBAN DI	RAINAGE AREA				
YEAL		2000			
ACRI		3235			
	TORM RUNOFF VOL.				
	GAL.	91.9			
	TORMWATER POLLUTANTS				
	r. SOLIDS, LBS.	1132			
	P. SOLIDS, LBS.	13505			
BOD		1986			
	TER TREATMENT				
	AT. DESCRIP.		SP	SMD	
	UME TREAT., MG		63.0	63.0	
	REATED		68.6	68.6	
The state of the s	NT REMOVALS			ANDMAR THAT	
	r. SOLIDS, LBS.		1075.4	1075.4	
	P. SOLIDS, LBS.		12154.5	8778.2	
	LBS.		1688.1	794.4	
	NTS DISCHARGED		Capa		
	r. SOLIDS, LBS.		56.6	56.6	
	P. SOLIDS, LBS.		1350.5	4726.8	
	LBS.		297.9	1191.6	
	LLUTANT CONCENTRATIONS	H H KYLL			
	ORE TREATMENT				
	r. SOLIDS mg/1		1.5	1.5	
	P. SOLIDS mg/1		17.6	17.6	
BOD	5 mg/1		2.6	2.6	
	ER TREATMENT				
	r. SOLIDS mg/l		0.07		
	P. SOLIDS mg/1		1.8	6.2	
	5 mg/l		0.4	1.6	
MOMAT CI	APITAL COST (\$)	1.	400.000	3,200,000	
	DAM COST (\$)		47.000	150,000	
ANNUAL (	Dam COST (\$)		,	130,000	
	OLIDS + BOD5		200	4 + 502,104	
BEF	ORE TREATMENT, LBS.		15491	15491	
REMO	OVED, LBS.			9572.6	
% RI	EMOVED		89.4	61.8	
CAPITAL	COSTS/% REMOVAL (\$)		15,700	51,800	
TREATME	NT COST (¢/1000 gals)	1260	9.5	24.7	

JA Libe

TOWN	LINCOLN			
URBAN D	RAINAGE AREA			
YEA	R	2000		
ACR	ES AL	740		
TOTAL S	STORM RUNOFF VOL.			
MIL	. GAL.	28.0		
TOTAL S	TORMWATER POLLUTANTS			
	T. SOLIDS, LBS.	260		
	P. SOLIDS, LBS.	3058		
BOD		449		
	TER TREATMENT			
	AT. DESCRIP.		SP	SMD
	UME TREAT., MG		19.2	19.2
	REATED		68.6	68.6
	NT REMOVALS			
	T. SOLIDS, LBS.		247	247
	P. SOLIDS, LBS.		2752.2	1987.7
	os, LBS.		381.6	179.6
	ANTS DISCHARGED			
	TT. SOLIDS, LBS.		13	13
SIIS	SP. SOLIDS, LBS.		305.8	1070.3
BOL	os, LBS.		67.4	269.4
AVC DO	LLUTANT CONCENTRATION	2		
	ORE TREATMENT	and the		
	TT. SOLIDS mg/1		1.1	1.1
	SP. SOLIDS mg/l		13.1	13.1
	05 mg/1		1.9	1.9
	TER TREATMENT			1304 50
The second of the second second second	TT. SOLIDS mg/l		0.06	0.06
	SP. SOLIDS mg/1		1.3	4.6
			0.3	1.2
BOL	05 mg/1			THAT IS
TOTAL C	CAPITAL COST (\$)		625,000	1,800,000
	OEM COST (\$)		15,000	50,000
	SOLIDS + BOD5		20070	es a torrer was
BEI	FORE TREATMENT, LBS.		3507	3507
RE	MOVED, LBS.		3133.8	2167.3
	REMOVED		89.4	61.8
CAPITAL	L COSTS/% REMOVAL (%)	18	7,000	29,100
TREATMI	ENT COST (¢/1000 gals)		12.5	38.0

TOWN NORTH ANDOVER		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	907	
TOTAL STORM RUNOFF VOL.		
MIL. GAL.	24.7	
TOTAL STORMWATER POLLUTANTS		
SETT. SOLIDS, LBS.	264	
SUSP. SOLIDS, LBS.		
BOD5	464	
STORMWATER TREATMENT	79/30/10	MARIE LIBERANATORS
TREAT. DESCRIP. VOLUME TREAT., MG	SP	
VOLUME TREAT., MG	16.9	16.9
% TREATED	68.4	68.4
POLLUTANT REMOVALS	250.0	250.0
SETT. SOLIDS, LBS.		250.8 2054
SUSP. SOLIDS, LBS.		
BOD5, LBS. POLLUTANTS DISCHARGED	394.4	185.6
SETT. SOLIDS, LBS.	12.2	13.2
SUSP. SOLIDS, LBS.		1106
BOD5, LBS.	69.6	278.4
AVG. POLLUTANT CONCENTRATIONS		THE ASSESSMENT VALUE OF THE PARTY OF THE PAR
BEFORE TREATMENT		
SETT. SOLIDS mg/1	1.3	1.3
SUSP. SOLIDS mg/1	15.3	
BODs mg/l	2.3	2.3
AFTER TREATMENT	TOPHIN	TARGE BROOK
SETT. SOLIDS mg/l		0.06
SUSP. SOLIDS mg/1	1.5	
BOD5 mg/1	0.3	1.4g
TOTAL CAPITAL COST (\$)		1,650,000
ANNUAL O&M COST (\$)	13,000	40,000
SUSP. SOLIDS + BOD5	agga	* adlaga . Vrus
BEFORE TREATMENT, LBS.		3624
REMOVED, LBS.		2239.6
% REMOVED	89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)	(*) 16,200	26,700
TREATMENT COST (¢/1000 gals)	(plan op 12.8	1200 38.9 ABRT

URBAN DRAINAGE AREA YEAR 2000 ACRES 3854  TOTAL STORM RUNOFF VOL. MIL. GAL. 119.1  TOTAL STORMWATER POLLUTANTS SETT. SOLIDS, LBS. 1677 SUSP. SOLIDS, LBS. 19946 BOD5 2933  STORMWATER TREATMENT TREAT. DESCRIP. SP SMD VOLUME TREAT., MG 81.6 81.6 % TREATED 68.5 68.5  POLLUTANT REMOVALS SETT. SOLIDS, LBS. 1593.2 1593.2 SUSP. SOLIDS, LBS. 17951.4 12964.9 BOD5, LBS. 2493 1173.2  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 83.8 83.8 SUSP. SOLIDS, LBS. 1994.6 6981.1 BOD5, LBS. 1994.6 6981.1 BOD5, LBS. 440 1759.8  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 20.1 20.1 BOD5 mg/1 3.0 3.0 AFTER TREATMENT SETT. SOLIDS mg/1 20.1 20.1 BOD5 mg/1 3.0 3.0 AFTER TREATMENT SETT. SOLIDS mg/1 20.1 20.1 BOD5 mg/1 3.0 3.0  TOTAL CAPITAL COST (\$) 1,725,000 3,750,000 ANNUAL O&M COST (\$) 61,000 195,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 22875 REMOVED 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) 19,300 60,700  TREATMENT COST (¢/1000 gals) 9.0 23.2	TOWN TEWKSBURY			
ACRES 3854  TOTAL STORM RUNOFF VOL. MIL. GAL. 119.1  TOTAL STORMWATER POLLUTANTS SFTT. SOLIDS, LBS. 1677 SUSP. SOLIDS, LBS. 19946 BOD5 2933  STOPMWATER TREATMENT TREAT. DESCRIP. SP SMD VOLUME TREAT., MG 81.6 81.6 % TREATED 68.5 68.5  POLLUTANT REMOVALS SETT. SOLIDS, LBS. 1593.2 1593.2 SUSP. SOLIDS, LBS. 17951.4 12964.9 BOD5, LBS. 2493 1173.2  POLLUTANTS DISCHARGED SETT. SOLIDS, LRS. 83.8 83.8 SUSP. SOLIDS, LBS. 1994.6 6981.1 BOD5, LBS. 440 1759.8  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 20.1 20.1 BOD5 mg/1 3.0 3.0 AFTER TREATMENT SETT. SOLIDS mg/1 20.1 20.1 BOD5 mg/1 20.0 7.0 BOD5 mg/1 0.08 0.08 SUSP. SOLIDS mg/1 2.0 7.0 BOD5 mg/1 0.4 1.8  TOTAL CAPITAL COST (\$) 1,725,000 3,750,000 ANNUAL 04M COST (\$) 61,000 195,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 22875 22875 REMOVED, LBS. 20444.4 14138.2 % REMOVED 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) 19,300 60,700	URBAN DRAINAGE AREA			
ACRES TOTAL STORM RUNOFF VOL. MIL. GAL. MIL. GAL. TOTAL STORMWATER POLLUTANTS SFTT. SOLIDS, LBS. SFTT. SOLIDS, LBS. BOD5 STOPMWATER TREATMENT TREAT. DESCRIP. VOLUME TREAT., MG TREATED SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS. BOD5, LBS. POLLUTANT REMOVALS SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS. SUSP. SOLIDS, LBS. SUSP. SOLIDS, LBS. BOD5, LBS. AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 BOD5 mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 BOD5 mg/1 TOTAL CAPITAL COST (\$) ANNUAL O4M COST (\$)  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. REMOVED CAPITAL COSTS/* REMOVAL (\$)  19,300 60,700  CAPITAL COSTS/* REMOVAL (\$)  19,300 60,700	YEAR 0901	2000		
TOTAL STORM RUNOFF VOL. MIL. GAL.  MIL. GAL.  119.1  TOTAL STORMWATER POLLUTANTS SETT. SOLIDS, LBS.  SETT. SOLIDS, LBS.  BOD5  STOPMWATER TREATMENT TREAT DESCRIP.  VOLUME TREAT., MG TREATED  POLLUTANT REMOVALS SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS.  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS.  BOD5, LBS.  SUSP. SOLIDS, LBS.  BOD5, LBS.  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1  SUSP. SOLIDS mg/1  AFTER TREATMENT SETT. SOLIDS mg/1  BOD5 mg/1  AFTER TREATMENT SETT. SOLIDS mg/1  SUSP. SOLIDS mg/1  SUSP. SOLIDS mg/1  TOTAL CAPITAL COST (\$)  ANNUAL O4M COST (\$)  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS.  REMOVED  CAPITAL COSTS/* REMOVAL (\$)  19,300  60,700	ACRES			
MIL. GAL.  TOTAL STORMWATER POLLUTANTS     SETT. SOLIDS, LBS. 1677     SUSP. SOLIDS, LBS. 19946     BOD5     STORMWATER TREATMENT     TREAT. DESCRIP. SP SMD     VOLUME TREAT., MG 81.6 81.6     * TREATED 68.5 68.5  POLLUTANT REMOVALS     SETT. SOLIDS, LBS. 1593.2 1593.2     SUSP. SOLIDS, LBS. 17951.4 12964.9     BOD5, LBS. 17951.4 12964.9     BOD5, LBS. 2493 1173.2  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 83.8 83.8     SUSP. SOLIDS, LBS. 1994.6 6981.1     BOD5, LBS. 1994.6 6981.1     BOD5, LBS. 1994.6 6981.1     BOD5, LBS. 1994.6 6981.1     BOD5 mg/l 1.7 1.7     SUSP. SOLIDS mg/l 20.1 20.1     BOD5 mg/l 3.0 3.0     AFTER TREATMENT SETT. SOLIDS mg/l 20.1 20.1     BOD5 mg/l 3.0 3.0     AFTER TREATMENT SETT. SOLIDS mg/l 20.0 7.0     BOD5 mg/l 0.08 0.08     SUSP. SOLIDS mg/l 2.0 7.0     BOD5 mg/l 0.4 1.8  TOTAL CAPITAL COST (\$) 1,725,000 3,750,000     ANNUAL OAM COST (\$) 1,725,000 3,750,000     SUSP. SOLIDS + BOD5     BEFORE TREATMENT, LBS. 22875 22875     REMOVED 89.4 61.8  CAPITAL COSTS/* REMOVAL (\$) 19,300 60,700	TOTAL STORM RUNOFF VOL.			
TOTAL STORMWATER POLLUTANTS     SETT. SOLIDS, LBS. 19946     BOD5 2933  STORMWATER TREATMENT     TREAT. DESCRIP. SP SMD     VOLUME TREAT., MG 81.6 81.6     * TREATED 68.5 68.5  POLLUTANT REMOVALS     SETT. SOLIDS, LBS. 1593.2 1593.2     SUSP. SOLIDS, LBS. 17951.4 12964.9     BOD5, LBS. 2493 1173.2  POLLUTANTS DISCHARGED     SETT. SOLIDS, LBS. 83.8 83.8     SUSP. SOLIDS, LBS. 1994.6 6981.1     BOD5, LBS. 1994.6 6981.1     BOD5, LBS. 440 1759.8  AVG. POLLUTANT CONCENTRATIONS     BEFORE TREATMENT     SETT. SOLIDS mg/1 1.7 1.7     SUSP. SOLIDS mg/1 20.1 20.1     BOD5 mg/1 3.0 3.0     AFTER TRFATMENT     SETT. SOLIDS mg/1 20.1 20.1     BOD5 mg/1 0.08 0.08     SUSP. SOLIDS mg/1 2.0 7.0     BOD5 mg/1 0.4 1.8  TOTAL CAPITAL COST (\$) 1,725,000 3,750,000     ANNUAL O&M COST (\$) 61,000 195,000  SUSP. SOLIDS + BOD5     BEFORE TREATMENT, LBS. 22875     REMOVED 89.4 61.8  CAPITAL COSTS/* REMOVAL (\$) 19,300 60,700		119.1		
SETT. SOLIDS, LBS. 19946 BOD5 STOPMWATER TREATMENT TREAT. DESCRIP. SP SMD VOLUME TREAT., MG 81.6 81.6 % TREATED 68.5 68.5  POLLUTANT REMOVALS SETT. SOLIDS, LBS. 1593.2 1593.2 SUSP. SOLIDS, LBS. 17951.4 12964.9 BOD5, LBS. 2493 1173.2  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 83.8 83.8 SUSP. SOLIDS, LBS. 83.8 83.8 SUSP. SOLIDS, LBS. 1994.6 6981.1 BOD5, LBS. 440 1759.8  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 1.7 1.7 SUSP. SOLIDS mg/1 20.1 20.1 BOD5 mg/1 3.0 3.0 AFTER TREATMENT SETT. SOLIDS mg/1 0.08 0.08 SUSP. SOLIDS mg/1 0.04 1.8  TOTAL CAPITAL COST (\$) 1,725,000 3,750,000 ANNUAL O&M COST (\$) 61,000 195,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 22875 REMOVED 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) 19,300 60,700		3502		
SUSP. SOLIDS, LBS. 19946 BOD5 2933  STOPMWATER TREATMENT TREAT. DESCRIP. SP SMD VOLUME TREAT., MG 81.6 81.6 % TREATED 68.5 68.5  POLLUTANT REMOVALS SETT. SOLIDS, LBS. 1593.2 1593.2 SUSP. SOLIDS, LBS. 17951.4 12964.9 BOD5, LBS. 2493 1173.2  POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. 83.8 83.8 SUSP. SOLIDS, LBS. 1994.6 6981.1 BOD5, LBS. 1994.6 6981.1 BOD5, LBS. 440 1759.8  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 1.7 1.7 SUSP. SOLIDS mg/1 20.1 20.1 BOD5 mg/1 3.0 3.0 AFTER TREATMENT SETT. SOLIDS mg/1 20.1 20.1 BOD5 mg/1 0.08 0.08 SUSP. SOLIDS mg/1 2.0 7.0 BOD5 mg/1 0.4 1.8  TOTAL CAPITAL COST (\$) 1,725,000 3,750,000 ANNUAL O&M COST (\$) 1,725,000 195,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 22875 REMOVED 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) 19,300 60,700		1677		
## STOPMWATER TREATMENT  TREAT. DESCRIP.  VOLUME TREAT., MG  * TREATED  POLLUTANT REMOVALS  SETT. SOLIDS, LBS.  BOD5, LBS.  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS.  SUSP. SOLIDS, LBS.  BOD5, LBS.  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/1  AFTER TREATMENT  AFTER TREATMENT  SETT. SOLIDS mg/1  AFTER T	SUSP. SOLIDS, LBS.	19946		
STORMWATER TREATMENT TREAT. DESCRIP. VOLUME TREAT., MG TREATED TREAT. DESCRIP. VOLUME TREAT., MG TREATED TREATMENT SETT. SOLIDS, LBS. TREATED TREATMENT TREATM		2933		
TREAT. DESCRIP.  VOLUME TREAT., MG  TREATED  TREATMENT  TREATED  TREATMENT  TREATED  TREATMENT  TREATED  TREATMENT  TREATED  TOTAL CAPITAL COST (\$)  TOTAL CAPITAL COST (\$)  TOTAL CAPITAL COST (\$)  TREATED  TREATMENT, LBS.  TREMOVED  TREATMENT, LBS.  TREATED  TREATED  TREATED  TREATMENT, LBS.  TREATED  TREATED  TREATED  TREATMENT, LBS.  TREATED  TREATED  TREATED  TREATED  TREATED  TREATED  TREATMENT, LBS.  TREATED  TREATER  TREATED  TREATER  TREATER  TREATER  TREATER  TREATER  TREATER  TREATER  TRE				
* TREATED  POLLUTANT REMOVALS  SETT. SOLIDS, LBS. 1593.2 1593.2  SUSP. SOLIDS, LBS. 17951.4 12964.9  BOD5, LBS. 2493 1173.2  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS. 83.8 83.8  SUSP. SOLIDS, LBS. 83.8 83.8  SUSP. SOLIDS, LBS. 1994.6 6981.1  BOD5, LBS. 440 1759.8  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/1 20.1 20.1  BOD5 mg/1 3.0 3.0  AFTER TRFATMENT  SETT. SOLIDS mg/1 20.1 20.1  BOD5 mg/1 3.0 3.0  SUSP. SOLIDS mg/1 2.0 7.0  BOD5 mg/1 0.4 1.8  TOTAL CAPITAL COST (\$) 1,725,000 3,750,000  ANNUAL O&M COST (\$) 61,000 195,000  SUSP. SOLIDS + BOD5  BEFORE TREATMENT, LBS. 22875 22875  REMOVED 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) 19,300 60,700			SP	SMD
* TREATED  POLLUTANT REMOVALS  SETT. SOLIDS, LBS. 1593.2 1593.2  SUSP. SOLIDS, LBS. 17951.4 12964.9  BOD5, LBS. 2493 1173.2  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS. 83.8 83.8  SUSP. SOLIDS, LBS. 83.8 83.8  SUSP. SOLIDS, LBS. 1994.6 6981.1  BOD5, LBS. 440 1759.8  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/1 20.1 20.1  BOD5 mg/1 3.0 3.0  AFTER TRFATMENT  SETT. SOLIDS mg/1 20.1 20.1  BOD5 mg/1 3.0 3.0  SUSP. SOLIDS mg/1 2.0 7.0  BOD5 mg/1 0.4 1.8  TOTAL CAPITAL COST (\$) 1,725,000 3,750,000  ANNUAL O&M COST (\$) 61,000 195,000  SUSP. SOLIDS + BOD5  BEFORE TREATMENT, LBS. 22875 22875  REMOVED 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) 19,300 60,700			81.6	81.6
POLLUTANT REMOVALS  SETT. SOLIDS, LBS. 1593.2 1593.2  SUSP. SOLIDS, LBS. 17951.4 12964.9  BOD5, LBS. 2493 1173.2  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS. 83.8 83.8  SUSP. SOLIDS, LBS. 1994.6 6981.1  BOD5, LBS. 1994.6 6981.1  BOD5, LBS. 440 1759.8  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/1 20.1 20.1  BOD5 mg/1 3.0 3.0  AFTER TRFATMENT  SETT. SOLIDS mg/1 0.08 0.08  SUSP. SOLIDS mg/1 0.08 0.08  SUSP. SOLIDS mg/1 0.04 1.8  TOTAL CAPITAL COST (\$) 1,725,000 3,750,000  ANNUAL O&M COST (\$) 61,000 195,000  SUSP. SOLIDS + BOD5  BEFORE TREATMENT, LBS. 22875  REMOVED 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) 19,300 60,700	시민들이 그렇다 그 내내 그 때문에 내려왔다. 그런 하나 내려가 있는데 내려가 되었다. 그리고 나를 하는데 그리고 나를 하는데 그리고 있다. 그리고 있다.		68.5	68.5
SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS. BOD5, LBS. POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS. SUSP. SOLIDS, LBS. BOD5, LBS. SUSP. SOLIDS, LBS. BOD5, LBS. AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/l BOD5 mg/l AFTER TRFATMENT SETT. SOLIDS mg/l SUSP. SOLIDS mg/l SUSP. SOLIDS mg/l SUSP. SOLIDS mg/l BOD5 mg/l AFTER TRFATMENT SETT. SOLIDS mg/l SUSP. SOLIDS mg/l BOD5 mg/l BOD5 mg/l  TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$)  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. BEFORE TREATMENT, LBS. CAPITAL COSTS/% REMOVAL (\$)  CAPITAL COSTS/% REMOVAL (\$)  1593.2 17951.4 12964.9 1173.2 1173.2 12964.9 1173.2 1173			48.1.4	Manager and Age
SUSP. SOLIDS, LBS. 2493 1173.2  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS. 83.8 83.8  SUSP. SOLIDS, LBS. 1994.6 6981.1  BOD5, LBS. 1994.6 6981.1  BOD5, LBS. 440 1759.8  AVG. POLLUTANT CONCENTRATIONS  REFORE TREATMENT  SETT. SOLIDS mg/1 1.7 1.7  SUSP. SOLIDS mg/1 20.1 20.1  BOD5 mg/1 3.0 3.0  AFTER TRFATMENT  SETT. SOLIDS mg/1 20.1 20.1  BOD5 mg/1 3.0 3.0  AFTER TRFATMENT  SETT. SOLIDS mg/1 0.08 0.08  SUSP. SOLIDS mg/1 0.4 1.8  TOTAL CAPITAL COST (\$) 1,725,000 3,750,000  ANNUAL O&M COST (\$) 1,725,000 3,750,000  ANNUAL O&M COST (\$) 22875  REMOVED, LBS. 22875  REMOVED 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) 19,300 60,700			1593.2	1593.2
BOD5, LBS.  POLLUTANTS DISCHARGED  SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS. BOD5, LBS.  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/l BOD5 mg/l AFTER TREATMENT  SETT. SOLIDS mg/l SUSP. SOLIDS mg/l BOD5 mg/l TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$)  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. REMOVED  CAPITAL COSTS/% REMOVAL (\$)  19,300 60,700				
POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS. BOD5, LBS.  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 BOD5 mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 BOD5 mg/1 AFTER TREATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 BOD5 mg/1 ANNUAL COST (\$) ANNUAL O&M COST (\$) ANNUAL O&M COST (\$)  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. REMOVED BEFORE TREATMEN				
SETT. SOLIDS, LBS. 83.8 83.8 SUSP. SOLIDS, LBS. 1994.6 6981.1 BOD5, LBS. 440 1759.8  AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/1 1.7 1.7 SUSP. SOLIDS mg/1 20.1 20.1 BOD5 mg/1 3.0 3.0 AFTER TREATMENT SETT. SOLIDS mg/1 0.08 0.08 SUSP. SOLIDS mg/1 2.0 7.0 BOD5 mg/1 0.4 1.8  TOTAL CAPITAL COST (\$) 1,725,000 3,750,000 ANNUAL O&M COST (\$) 61,000 195,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 22875 REMOVED 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) 19,300 60,700			6.838.58	antropic and the
SUSP. SOLIDS, LBS.  BOD5, LBS.  AVG. POLLUTANT CONCENTRATIONS  BEFORE TREATMENT  SETT. SOLIDS mg/l  SUSP. SOLIDS mg/l  BOD5 mg/l  AFTER TREATMENT  SETT. SOLIDS mg/l  AFTER TREATMENT  SETT. SOLIDS mg/l  SUSP. SOLIDS mg/l  BOD5 mg/l  TOTAL CAPITAL COST (\$)  ANNUAL O&M COST (\$)  SUSP. SOLIDS + BOD5  BEFORE TREATMENT, LBS.  REMOVED, LBS.  REMOVED  CAPITAL COSTS/% REMOVAL (\$)  19,300  60,700			83.8	83.8
AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/l 1.7 1.7 SUSP. SOLIDS mg/l 20.1 20.1 BOD5 mg/l 3.0 3.0 AFTER TREATMENT SETT. SOLIDS mg/l 0.08 0.08 SUSP. SOLIDS mg/l 2.0 7.0 BOD5 mg/l 0.4 1.8  TOTAL CAPITAL COST (\$) 1,725,000 3,750,000 ANNUAL O&M COST (\$) 61,000 195,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 22875 22875 REMOVED, LBS. 20444.4 14138.2 \$ REMOVED 89.4 61.8  CAPITAL COSTS/\$ REMOVAL (\$) 19,300 60,700	SUSP. SOLIDS, LBS.			
AVG. POLLUTANT CONCENTRATIONS BEFORE TREATMENT SETT. SOLIDS mg/l 1.7 1.7 SUSP. SOLIDS mg/l 20.1 20.1 BOD5 mg/l 3.0 3.0 AFTER TREATMENT SETT. SOLIDS mg/l 0.08 0.08 SUSP. SOLIDS mg/l 2.0 7.0 BOD5 mg/l 0.4 1.8  TOTAL CAPITAL COST (\$) 1,725,000 3,750,000 ANNUAL O&M COST (\$) 61,000 195,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 22875 22875 REMOVED, LBS. 20444.4 14138.2 \$ REMOVED 89.4 61.8  CAPITAL COSTS/\$ REMOVAL (\$) 19,300 60,700	BODs. LBS.		440	1759.8
BEFORE TREATMENT SETT. SOLIDS mg/l SUSP. SOLIDS mg/l BOD5 mg/l AFTER TREATMENT SETT. SOLIDS mg/l SUSP. SOLIDS mg/l BOD5 mg/l  TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$) BEFORE TREATMENT, LBS. REMOVED  CAPITAL COSTS/% REMOVAL (\$)  1.725,000 1.725,000 3,750,000 1.8  1,725,000 3,750,000 1.8  22875 22875 22875 22875 22875 22875 22875 22875 20444.4 14138.2 8 REMOVED  89.4 61.8	AVG. POLLUTANT CONCENTRATION	S	Administració	L'ENTAGET AND
SETT. SOLIDS mg/l SUSP. SOLIDS mg/l BOD5 mg/l AFTER TRFATMENT SETT. SOLIDS mg/l SUSP. SOLIDS mg/l BOD5 mg/l  TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$) BEFORE TREATMENT, LBS. REMOVED, LBS. REMOVED  CAPITAL COSTS/% REMOVAL (\$)  1.725,000 2.0 2.0 7.0 61,000 3,750,000 195,000 22875 22875 22875 22875 22875 22444.4 14138.2 8 REMOVED  89.4 61.8				
SUSP. SOLIDS mg/1  BOD5 mg/1  AFTER TREATMENT  SETT. SOLIDS mg/1  BOD5 mg/1  SUSP. SOLIDS mg/1  BOD5 mg/1  TOTAL CAPITAL COST (\$)  ANNUAL O&M COST (\$)  BEFORE TREATMENT, LBS.  REMOVED, LBS.  REMOVED  CAPITAL COSTS/% REMOVAL (\$)  1,725,000  3,750,000  1,725,000  3,750,000  1,725,000  22875  61,000  195,000  22875  22875  22875  22875  22875  22875  22875  22875  22875  22875  22875  20444.4  14138.2  89.4  61.8	나는 사람은 아이들은 사람들은 아이들이 가장 아이들은 사람들은 사람들이 가장 아이들은 사람들이 되었다면 하는데 아이들이 되었다면 하는데 아이들이 되었다면 하는데 아이들이 아이들이 다른데 아이들이 아이들이 아이들이 아이들이 아이들이 아이들이 아이들이 아이들			
BOD5 mg/l AFTER TREATMENT SETT. SOLIDS mg/l SUSP. SOLIDS mg/l BOD5 mg/l  TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$) BEFORE TREATMENT, LBS. REMOVED, LBS. REMOVED  CAPITAL COSTS/\$ REMOVAL (\$)  3.0 3.0 3.0 3.0 3.0 3.0 4.0 5.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6			20.1	20.1
AFTER TRFATMENT SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 BOD5 mg/1  TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$)  BEFORE TREATMENT, LBS. REMOVED, LBS. REMOVED  CAPITAL COSTS/\$ REMOVAL (\$)  1.725,000 3,750,000 195,000 22875 22875 22875 22875 20444.4 14138.2 89.4 61.8			3.0	3.0
SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1 BOD5 mg/1  TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$)  BEFORE TREATMENT, LBS. REMOVED, LBS. REMOVED  CAPITAL COSTS/% REMOVAL (\$)  1,725,000 3,750,000 195,000 22875 22875 22875 22875 20444.4 14138.2 89.4 61.8			TURN	1688 T 9774
SUSP. SOLIDS mg/l  BOD5 mg/l  TOTAL CAPITAL COST (\$)  ANNUAL O&M COST (\$)  BEFORE TREATMENT, LBS.  REMOVED, LBS.  REMOVED  CAPITAL COSTS/% REMOVAL (\$)  1,725,000  3,750,000  195,000  22875  22875  22875  20444.4  14138.2  89.4  61.8			0.08	0.08
BOD5 mg/1 0.4 1.8  TOTAL CAPITAL COST (\$) 1,725,000 3,750,000 ANNUAL O&M COST (\$) 61,000 195,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 22875 REMOVED, LBS. 20444.4 14138.2 \$ REMOVED 89.4 61.8  CAPITAL COSTS/\$ REMOVAL (\$) 19,300 60,700	SUSP. SOLIDS mg/1			
TOTAL CAPITAL COST (\$) 1,725,000 3,750,000 ANNUAL O&M COST (\$) 61,000 195,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 22875 REMOVED, LBS. 20444.4 14138.2 8 REMOVED 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) 19,300 60,700				
ANNUAL 06M COST (\$) 61,000 195,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 22875 REMOVED, LBS. 20444.4 14138.2 REMOVED 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) 19,300 60,700	1.003 19/ 2			
ANNUAL 06M COST (\$) 61,000 195,000  SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 22875 REMOVED, LBS. 20444.4 14138.2 REMOVED 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) 19,300 60,700	TOTAL CAPITAL COST (\$)	1	.725.000	3.750,000
SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS. 22875 REMOVED, LBS. 20444.4 14138.2 % REMOVED 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) 19,300 60,700				
BEFORE TREATMENT, LBS. 22875 22875 REMOVED, LBS. 20444.4 14138.2 % REMOVED 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) 19,300 60,700				
BEFORE TREATMENT, LBS. 22875 REMOVED, LBS. 20444.4 14138.2 % REMOVED 89.4 61.8  CAPITAL COSTS/% REMOVAL (\$) 19,300 60,700	SUSP. SOLIDS + BODS			
REMOVED, LBS. 20444.4 14138.2 89.4 61.8 CAPITAL COSTS/% REMOVAL (\$) 19,300 60,700	BEFORE TREATMENT, LBS.	. 20	22875	22875
% REMOVED 89.4 61.8 CAPITAL COSTS/% REMOVAL (\$) 19,300 60,700			20444.4	14138.2
CAPITAL COSTS/% REMOVAL (\$) 19,300 60,700				
	• Karovao			
	CAPITAL COSTS/% REMOVAL (S)	(4)	19,300	60,700
TREATMENT COST (¢/1000 gals) 9.0 23.2				
TREATMENT COST (¢/1000 gals) 9.0 23.2				
	TREATMENT COST (¢/1000 gals)	14130	9.0	23.2

TOWN WILMINGTON			
URBAN DRAINAGE AREA			
VEAD	2000		
ACRES	421		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	14.3		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	262		
SUSP. SOLIDS, LBS.	2120		
BOD <sub>5</sub>	460		
STORMWATER TREATMENT			
TREAT. DESCRIP.	SP	SMD	
VOLUME TREAT., MG	9.9	9.9	
% TREATED	69.2		
POLLUTANT REMOVALS		431 2 6 6 2	
SETT. SOLIDS, LBS.	248.9	248.9	
SUSP. SOLIDS, LBS.	2816.1		
BOD5, LBS.	391	184	
POLLUTANTS DISCHARGED	77777		
SETT. SOLIDS, LBS.	13.1	13.1	
SUSP. SOLIDS, LBS.	312.9	1095.2	
BOD5, LBS.	69	276	
AVG. POLLUTANT CONCENTRATIONS	STANSON SERVICES AND		
BEFORE TREATMENT	2.2	2.2	
SETT. SOLIDS mg/l	2.2	2.2	
SUSP. SOLIDS mg/1	26.2	26.2	
BOD5 mg/l	3.9	3.9	
AFTER TREATMENT			
SETT. SOLIDS mg/l	0.1		
SUSP. SOLIDS mg/1	2.6	9.2	
BOD5 mg/l	0.6	2.3	
TOTAL CAPITAL COST (\$)	350,000		
ANNUAL OEM COST (\$)	8,000	25,000	B I DALTE
SUSP. SOLIDS + BOD5		ELW SOTUTOL	
BEFORE TREATMENT, LBS.	3589	3589	
REMOVED, LBS.	3207.1	2217.8	
% REMOVED	89.4	61.8	
CAPITAL COSTS/% REMOVAL (\$)	3,900	21,000	
TREATMENT COST (¢/1000 gals)	(alag 0014.3	1900 49.7	TREAT

CARTERD COSTS/A

TREATED TO COST (CALOUR CALE)

### STORMWATER MANAGEMENT SUMMARY SHAWSHEEN RIVER BASIN

TOWN	WOBURN		
URBAN D	RAINAGE AREA		
YEA		2000	
ACR	프로젝트 아니라 아니라 아니라 아니라 아니라 아니라 아니라 아니는 아니라	34	
	TORM RUNOFF VOL.		
MIL	. GAL.	0.8	
	TORMWATER POLLUTANTS		
	T. SOLIDS, LBS.	8	
SUS	P. SOLIDS, LBS.	92	
BOD	4	14	
STORMWA	TER TREATMENT		
TRE	AT. DESCRIP.		NT
	UME TREAT., MG		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	REATED		_
	NT REMOVALS		
	T. SOLIDS, LBS.		2812 <u>1</u> . 8
			. 68 7
	P. SOLIDS, LBS.		
BOD	5, LBS.		arrest and
	NTS DISCHARGED		pag o
SET	T. SOLIDS, LBS.		8
SUS	P. SOLIDS, LBS.		92
BOD	5, LBS.		14
AVG. PO	LLUTANT CONCENTRATIONS		
	ORE TREATMENT		
	T. SOLIDS mg/1		1.2
SIIS	P. SOLIDS mg/1		13.8
	5 mg/1		2.1
	ER TREATMENT		1974.87
	T. SOLIDS mg/1		1.2
SET	n collection mg/1		13.8
	P. SOLIDS mg/1		2.1
BOD	05 mg/l		2.1
TOTAL C	CAPITAL COST (\$)		(41.7%)
	OAM COST (\$)		
CHED C	SOLIDS + BOD5		
DEF.	FORE TREATMENT, LBS.		106
DEF	OVED, LBS.		
8 F	REMOVED		
CAPITAL	COSTS/% REMOVAL (\$)	•	REMOVAL

TREATMENT COST (¢/1000 gals)

TOWN DUXBURY			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	452		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	13.1 MOV 19		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	149 MATULTON	RETAINMENTS:	
SUSP. SOLIDS, LBS.			
BODS	261		
STORMWATER TREATMENT		200	
TREAT. DESCRIP.	SP	SMD	
VOLUME TREAT., MG	9.0	9.0	
% TREATED	68.7	68.7	
POLLUTANT REMOVALS	141 6	GREAS 73	
SETT. SOLIDS, LBS.		141.5	
SUSP. SOLIDS, LBS.		1151.8	
BOD5, LBS.	221.0	104.4	
POLLUTANTS DISCHARGED	7.5		
SETT. SOLIDS, LBS.	177 2	7.5 620.2	
SUSP. SOLIDS, LBS.	39 2	156.6	
BOD5, LBS. AVG. POLLUTANT CONCENTRATIONS		ODe. LBS.	
BEFORE TREATMENT			
SETT. SOLIDS mg/1	1.4	2A347 31.40	
SUSP. SOLIDS mg/1	16.2	16.2	
BOD <sub>5</sub> mg/l	2.4	2.4	
AFTER TREATMENT		1\pm_200	
SETT. SOLIDS mg/l		0.07	
SUSP. SOLIDS mg/1	1.6	agrupa 5.7	
BOD5 mg/1	10.4	ndiioa 1.4;	
TOTAL CAPITAL COST (\$)	325.000	1,250,000	
ANNUAL OEM COST (\$)	7.000	20,000	
ANNUAL CEM COST (\$)	100	20,000 m	
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	2033	2033	
REMOVED, LBS.	1816.6	1256.2	
& REMOVED	89.4		
* REMOVED			
CAPITAL COSTS/% REMOVAL (\$)	3,600	20,800	
005 99	ALMONAL (2)	TAL CONTRACT	
MDELMMENT COCK (A/1000	14.3	50.8	
TREATMENT COST (¢/1000 gals)	(sien 0001/2)		

TOWN	MARSHFIELD				
TOWN	MARSHF IELD				
URBAN DI	RAINAGE AREA				
YEA		2000			
ACRI	ES	3125			
TOTAL S	TORM RUNOFF VOL.				
MIL	. GAL.	85.5			
	TORMWATER POLLUTANTS				
	r. SOLIDS, LBS.	919	1.88.1		
	F. SOLIDS, LBS.	10984			
BOD		1615			
	TER TREATMENT			MANA TANK	
	AT. DESCRIP.		58.6	SMD	
	UME TREAT., MG		68.5	SMD	
	REATED NT REMOVALS		00.5	OFID	
	T. SOLIDS, LBS.		873	873	
	P. SOLIDS, LBS.		9885.6	7139.6	
	5, LBS.		1372.7	646	
	NTS DISCHARGED		7.7		
	T. SOLIDS, LBS.		46	46	
	P. SOLIDS, LBS.		1098.4	3844.4	
BOD	5, LBS.		242.2	969	
AVG. PO	LLUTANT CONCENTRATION	IS			
	ORE TREATMENT		fa.com	801.108 . 127	
	T. SOLIDS mg/1		1.3	1.3	
	P. SOLIDS mg/1		15.4	15.4	
	5 mg/l		2.3	2.3	
	ER TREATMENT		0.06	0.06	
	T. SOLIDS mg/1		1.5	5.4	
	P. SOLIDS mg/1		0.3	1754 PR	
BOD	5 mg/l				
TOTAL C	APITAL COST (\$)	1,	300,000	3,000,000	
	OEM COST (\$)		43,000	140,000	
	Jan 6001 (4)			A DATE OF	
SUSP. S	OLIDS + BOD5		a n mesan		
BEF	ORE TREATMENT, LBS.		12,599		
	OVED, LBS.	1	1,258.3	7,785.6	
* R	EMOVED		89.4	61.8	
	16,011 600,0	137	TRACKEL	#\ATRON IA	
CAPITAL	COSTS/% REMOVAL (\$)		14,500	48,500	
	49				
		(sir	s course	25.1	
TREATME	NT COST (¢/1000 gals)		3.1	23.1	

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TOWN	SCITUATE			
HDDAN D	RAINAGE AREA			EA STEAMEN
YEA		2000		
ACR		157		
	TORM RUNOFF VOL.			
	GAL.	4.5		
	TORMWATER POLLUTANTS	277		
		42		
	T. SOLIDS, LBS.	501		
	P. SOLIDS, LBS.	74		
BOD	TER TREATMENT			
	AT. DESCRIP.		NT	SP
			<u> </u>	3.1
	UME TREAT., MG		_	68.9
	REATED			ANDREA T
	NT REMOVALS			39.9
SET	T. SOLIDS, LBS.		<u> </u>	450.9
	P. SOLIDS, LBS.		_	62.9
	5, LBS.			113419 87
	NTS DISCHARGED		42	2.1
	T. SOLIDS, LBS.			50.1
SUS	P. SOLIDS, LBS.		74	11.1
	5, LBS.	RMOTET	ANT PROTECT	TO PROPERTY.
	LLUTANT CONCENTRATION	NS		
	ORE TREATMENT		1.1	00111.1
	T. SOLIDS mg/l		13.3	13.3
	P. SOLIDS mg/l		2.0	2.0
	05 mg/l			neragati n
	ER TREATMENT		1.10	0.06
	T. SOLIDS mg/l		13.3	1.3
	P. SOLIDS mg/1		2.0	0.3
BOD	05 mg/l		2.0	0.3
	070 477 4 2 000,000		183 51	150,000
	APITAL COST (\$)		(2)	3,000
ANNUAL	O&M COST (\$)			3,000
				Ma -> 1 H01.3
	SOLIDS + BOD5		575	575
	ORE TREATMENT, LBS.		3/3	513.8
	OVED, LBS.			89.4
* F	REMOVED			09.4
CARTTAL	COSTS/% REMOVAL (\$)		LINDHER	1,700
CAPTIAL	COSTOL S VEHOVAL (5)			
	14.3	tein	n 000114	20.0
TREATME	ENT COST (¢/1000 gals			20.0

TOWN	BOXBOROUGH				
URBAN DE	RAINAGE AREA				
YEAR		2000			
ACRI	ES	512			
TOTAL ST	TORM RUNOFF VOL.				
MIL.	GAL.	12.4			
TOTAL ST	ORMWATER POLLUTANTS				
SETT	. SOLIDS, LBS.	166			
SUSI	. SOLIDS, LBS.	1986			
BOD		292			
	ER TREATMENT				
	T. DESCRIP.		SP		
VOLU	JME TREAT., MG		8.5		
	REATED		68.5	68.5	
	T REMOVALS				
	. SOLIDS, LBS.		157.7		
	. SOLIDS, LBS.		1787.4		
BOD	, LBS.		248.2	116.8	
POLLUTAN	ITS DISCHARGED				
	. SOLIDS, LBS.		8.3		
	. SOLIDS, LBS.		198.6	695.1	
	, LBS.		43.8	175.2	
	LUTANT CONCENTRATION ORE TREATMENT	S		EST TOWARD 130	
	. SOLIDS mg/1		1.6		
	. SOLIDS mg/1		19.2		
	mg/1		2.8	2.8	
	R TREATMENT			10 2 10 200	
SETT	. SOLIDS mg/l			0.08	
SUSE	. SOLIDS mg/1		1.9		
BOD5	mg/1		0.4	1.7	
TOTAL CA	PITAL COST (\$)		300.000	1,225,000	
	EM COST (\$)		6,000	20,000	
				u tees Mao .	
SUSP. SC	LIDS + BODS				
	RE TREATMENT, LBS.		2278	2278	
	VED, LBS.		2035.6	1407.7	
	MOVED		89.4	61.8	
CAPITAL	COSTS/% REMOVAL (\$)		3,400	19,800	CEASTER.
TREATMEN	T COST (\$/1000 gals)		14.3	52.9	
	- CODE (T/ LUUU gala/		The state of the s	Wall- an Acres and Processing	

TOWN CHELMSFORD			
URBAN DRAINAGE AREA	2000		
	2000		
	1633		
TOTAL STORM RUNOFF VOL.			
	46.5		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	576		
SUSP. SOLIDS, LBS.	6871		
BOD5	1010		
STORMWATER TREATMENT			
TREAT. DESCRIP.	SP	SMD	MD
VOLUME TREAT., MG	31.9	31.9	31.9
% TREATED	68.6	68.6	68.6
POLLUTANT REMOVALS		20,410,410,110	Aruaios
SETT. SOLIDS, LBS.	547.2	547.2	518.4
SUSP. SOLIDS, LBS.	6183.9		3092
BOD5, LBS.	858.5	404	202
POLLUTANTS DISCHARGED	030.3	Masoaro 22%	202
	28.8	28.8	57.6
SETT. SOLIDS, LBS.	687.1		3779
SUSP. SOLIDS, LBS.	151.5		
BOD5, LBS.	151.5	606	808
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT		NA 5511 105	0.000
SETT. SOLIDS mg/l	1.5		1.5
SUSP. SOLIDS mg/1	17.7		17.7
BOD <sub>5</sub> mg/l	2.6	2.6	2.6
AFTER TREATMENT			
SETT. SOLIDS mg/l	0.07		0.1
SUSP. SOLIDS mg/1	1.8		9.7
BOD5 mg/l	0.4	1.6	2.1
TOTAL CAPITAL COST (\$)	850,000	2.250.000	4,700,000
ANNUAL OEM COST (\$)		80,000	
SUSP. SOLIDS + BOD5	7881	7881	7001
BEFORE TREATMENT, LBS.			
REMOVED, LBS.	7042.4		
% REMOVED	89.4	61.8	41.8
CAPITAL COSTS/% REMOVAL (\$)	9,500	36,400	112,000
TREATMENT COST (¢/1000 gals)	11.0	30.0	76.9

TOWN I	IARVARD				
MADAN DOAT	NACE ADEA				
URBAN DRAI	NAGE AREA		2000		
YEAR		600	126		
ACRES	M DUNOBB M		120		
	M RUNOFF VO	)L.	2.7		
MIL. G.			2.1		
	MWATER POLI		22		
	SOLIDS, LBS		264		
	SOLIDS, LBS	. 170	39		
BOD <sub>5</sub>			29		
STORMWATER				NT	
	DESCRIP.			NT	
	TREAT., MC	•		200	tanga .
% TREA					
POLLUTANT					
	SOLIDS, LBS				
	SOLIDS, LBS	· u car			. 7 7 7 7 7 8
BOD5,	LBS.				-
	DISCHARGE				
SETT.	SOLIDS, LBS	5.		22	7
SUSP.	SOLIDS, LBS	S.		264	
BODS,	LBS.			39	
	TANT CONCE				
	TREATMENT				
	SOLIDS mg/			1.0	
	SOLIDS mg/			11.7	-
BOD5 m	g/1			1.7	•
AFTER	TREATMENT				
SETT.	SOLIDS mg/	1		1.0	-
SUSP.	SOLIDS mg/	1		11.7	
BOD5 m	g/1			1.7	
TOTAL CAPI	TAL COST (	\$)			
ANNUAL OSM	COST (\$)				
SUSP. SOLI	DS + BODS				
	TREATMENT	, LBS.		303	1
REMOVE	D, LBS.	CEAR			Addition =
% REMO					40 , C <del>-</del>
CAPITAL CO	STS/% REMO	VAL (\$)		TATAMENT.	en ayear
					- 144
TREATMENT	COST (¢/10	00 gals)		A PROPERTY OF SAME	The second

TOWN LITTLETON		OSCITAGE
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	1723	
TOTAL STORM RUNOFF VOL.		
MIL. GAL.	49.8	
TOTAL STORMWATER POLLUTA		
SETT. SOLIDS, LBS.	500	
SUSP. SOLIDS, LBS.	5948	
BOD <sub>5</sub>	874	
STORMWATER TREATMENT		
TREAT. DESCRIP.	SI	
VOLUME TREAT., MG	34.1	
% TREATED	68.5	68.5
POLLUTANT REMOVALS		0.170/1467.08
SETT. SOLIDS, LBS.	475	
SUSP. SOLIDS, LBS.	5353.2	
BOD5, LBS.	742.9	349.6
POLLUTANTS DISCHARGED		SERGETS COL
SETT. SOLIDS, LBS.	25	
SUSP. SOLIDS, LBS.	594.8	A CONTRACTOR OF THE PARTY OF TH
BOD5, LBS.	131.1	524.4
AVG. POLLUTANT CONCENTRA	TIONS	
BEFORE TREATMENT		THE WAY IN
SETT. SOLIDS mg/1	1.2 14.3	
SUSP. SOLIDS mg/1	2.1	
BOD5 mg/l	2	A State of
AFTER TREATMENT	0.06	0.06
SETT. SOLIDS mg/l	1.4	
SUSP. SOLIDS mg/1	0.3	1.3
BOD5 mg/l		1.3
TOTAL CAPITAL COST (\$)	875,000	2,250,000
ANNUAL OEM COST (\$)	25,000	
ANNUAL OWN COST (\$)	23,000	00,000
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LB	6822	6822
REMOVED, LBS.	6096.1	4215.8
% REMOVED	89.4	61.8
CAPITAL COSTS/% REMOVAL	(\$) 9,800	36,400
TREATMENT COST (¢/1000 g	als) 11.2	30.8

TOWN	WESTFORD				
URBAN DRAI	NAGE AREA	4.45			
YEAR		2000			
ACRES		2898			
	M RUNOFF VOL.	4.5			
MIL. G		96.6			
	MWATER POLLUTANTS				
SETT.	SOLIDS, LBS.	1204			
SUSP.	SOLIDS, LBS.	14202			
BOD5		2087			
STORMWATER	TREATMENT			MURIET RETAI	
TREAT.	DESCRIP.		SP		
VOLUME	TREAT., MG		66.2		
% TREA	TED		68.5	68.5	
POLLUTANT				RIAN SHEET SHAN	
SETT.	SOLIDS, LBS.		1143.8		
SUSP.	SOLIDS, LBS.		12781.8		
BOD5,			1774	834.8	
	DISCHARGED				
SETT.	SOLIDS, LBS.		60.2	60.2	
SUSP.	SOLIDS, LBS.			4970.7	
BOD5,	LBS.		313	1252.2	
	TANT CONCENTRATIO	NS			
	TREATMENT				
SETT.	SOLIDS mg/1			1.5	
	SOLIDS mg/1			17.6	
BOD5 m			2.6	2.6	
	TREATMENT				
SETT.	SOLIDS mg/1			0.07	
	SOLIDS mg/1			6.2	
BOD5 m			0.4	1.6	
TOTAL CAPI	TAL COST (\$)	2,		4,250,000	
ANNUAL OEM			75,000	235,000	
SUSP. SOLI	DS + BODs				
	TREATMENT, LBS.			16289	
	ED, LBS.		14555.8	10066.1	
% REMO			89.4	61.8	
CAPITAL CO	STS/% REMOVAL (\$)	1	22,400	68,800	
TREATMENT	COST (¢/1000 gals	s) (si	8.8	27.2	

TOWN ASHLAND		
URBAN DRAINAGE AREA		
YEAR 0003	2000	
ACRES		
TOTAL STORM RUNOFF VOL.		
MIL. GAL.	77.2	
TOTAL STORMWATER POLLUTANTS	POLITICANDA	RETARMEDIA JADOS
SETT. SOLIDS, LBS.	1211	Anticon Track
SUSP. SOLIDS, LBS.	24377	
경기가 그렇게 되면 보다 가장 하게 하면 이번 이번에 되었다면 그 아이를 보다면 어린다는 사람들이 되어 있다면 하는데 되었다면 하는데 되었다.	2114	
STORMWATER TREATMENT	2114	
TREAT. DESCRIP.	SP	CMD
VOLUME TREAT., MG		9 52.9
* TREATED		5 68.5
POLLUTANT REMOVALS	. 00.	3 68.5
SETT. SOLIDS, LBS.	1150	5 1150.5
SUSP. SOLIDS, LBS.	1130.	3 9345
BOD5, LBS.	1/96.	9 845.6
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.		5 60.5
SUSP. SOLIDS, LBS.	1437.	
BOD5, LBS.	317.	1 1268.4
AVG. POLLUTANT CONCENTRATIONS	1. 以下的是在1000年的第三次的	
BEFORE TREATMENT		
SETT. SOLIDS mg/l	1.	
SUSP. SOLIDS mg/1	22.	
BOD5 mg/l	3.	3 3.3
AFTER TREATMENT		
SETT. SOLIDS mg/l		9 0.09
SUSP. SOLIDS mg/1	2.	
BOD5 mg/1	0.	2.0
TOTAL CAPITAL COST (\$)	1,245,00	0 2,925,000
ANNUAL OEM COST (\$)	39,00	125,000
SUSP. SOLIDS + BOD5		# P 201,000 - 98US
BEFORE TREATMENT, LBS.		16491
REMOVED, LBS.	14736.	
* REMOVED	89.	61.8
CAPITAL COSTS/% REMOVAL (\$)	. (8) 1/13,900	47,300
TREATMENT COST (¢/1000 gals)	laimp 000 (9.	7 200 25.8 74382

TOWN CONCORD		
URBAN DRAINAGE AREA		
YEAR	2000	
ACRES	1270	
TOTAL STORM RUNOFF VOL.	1270	
MIL. GAL.	39.0	
TOTAL STORMWATER POLLUTANTS	39.0	
	580	
SETT. SOLIDS, LBS.	6940	
SUSP. SOLIDS, LBS.	1021	
BOD5	1021	
STORMWATER TREATMENT		ABRU SESSIO
TREAT. DESCRIP.	SP	AND THE RESERVE AND THE PARTY OF THE PARTY O
VOLUME TREAT., MG		26.8
% TREATED	68.7	68.7
POLLUTANT REMOVALS		
SETT. SOLIDS, LBS.	551	
SUSP. SOLIDS, LBS.	6246	
BOD5, LBS.	867.8	408.4
POLLUTANTS DISCHARGED		
SETT. SOLIDS, LBS.	29	
SUSP. SOLIDS, LBS.	694	
BOD5, LBS.	153.2	612.6
AVG. POLLUTANT CONCENTRATIONS		
BEFORE TREATMENT		
SETT. SOLIDS mg/1	1.8	
SUSP. SOLIDS mg/1	21.3	
BODs mg/l	3.1	3.1
AFTER TREATMENT		
SETT. SOLIDS mg/1	0.1	0.1
SUSP. SOLIDS mg/1	2.1	7.5
BOD5 mg/1	0.5	1.9
TOTAL CAPITAL COST (\$)	1,050,000	2,500,000
ANNUAL OGM COST (\$)		120,000
THINOIL CUIT COST (17)		
SUSP. SOLIDS + BOD5		
BEFORE TREATMENT, LBS.	7961	7961
REMOVED, LBS.	7113.8	4919.4
* REMOVED	89.4	61.8
* REMOVED		NEW YORK MAIN
CAPITAL COSTS/% REMOVAL (\$)	11,800	40,500
TREATMENT COST (¢/1000 gals)	(alap co.10.4	27.8

TOWN FRAMINGHAM				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	9824			
TOTAL STORM RUNOFF VOL.	,04.			
MIL. GAL.	328.1			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	6925			
SUSP. SOLIDS, LBS.	82563			
BODs	12142			
STORMWATER TREATMENT				
TREAT. DESCRIP.		SP	SMD	MD
VOLUME TREAT., MG		225.0	225.0	225.0
% TREATED		68.6	68.6	68.6
POLLUTANT REMOVALS			BLANCES IN	EATE 1364
SETT. SOLIDS, LBS.		6578.8	6578.8	6232.5
SUSP. SOLIDS, LBS.		74306.7	53666	37153.4
BOD5, LBS.		10320.7	4856.8	2428.4
POLLUTANTS DISCHARGED		10010	SANDERU EN	HATTO MINDE
SETT. SOLIDS, LBS.		346.2	346.2	692.5
SUSP. SOLIDS, LBS.		8256.3		
BOD5, LBS.		1821.3		
AVG. POLLUTANT CONCENTRATIONS		RGLDG TO LE	100 PHATUS	TOS LIVE
BEFORE TREATMENT				
SETT. SOLIDS mg/l		2.5	2.5	2.5
SUSP. SOLIDS mg/1		30.2	30.2	30.2
BOD <sub>5</sub> mg/l		4.4	4.4	
AFTER TREATMENT			CHARLESTER	1279.6
SETT. SOLIDS mg/1		0.1	0.1	0.3
SUSP. SOLIDS mg/1		3.0	10.6	
BOD5 mg/1		0.7	2.7	
Bobs mg/1				
TOTAL CAPITAL COST (\$)		4,100,000	7,100,000	33,000,000
ANNUAL OEM COST (\$)		165,000	520,000	1,650,000
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		94705	94705	94705
REMOVED, LBS.		84627.4	58522.8	39581.8
REMOVED		89.4	61.8	41.8
CAPITAL COSTS/% REMOVAL (\$)		45,900	115,000	790,000
TREATMENT COST (¢/1000 gals)		12 100 08.2	(a) T218.8	72.5

TOWN	HOPKINTON			
HERAN DEA	INAGE AREA			
YEAR		2000		
ACRES		2368		
	ORM RUNOFF VOL.	2300		
MIL.		72.1		
	RMWATER POLLUTANTS			
	SOLIDS, LBS.	1032		
	SOLIDS, LBS.	12226		
BOD5		1798		
	R TREATMENT	1,30		
	DESCRIP.		SP	SMD
	E TREAT., MG		49.4	
	ATED		68.5	
	REMOVALS		00.5	00.5
	SOLIDS, LBS.		980.4	980.4
	SOLIDS, LBS.		11003.4	
	LBS.		1528.3	719.2
	S DISCHARGED		1320.3	100
	SOLIDS, LBS.		51.6	51.6
	SOLIDS, LBS.		1222.6	4279.1
	LBS.		269.7	1078.8
AVG. POLI	LUTANT CONCENTRATION	IS	203.7	10,0.0
	RE TREATMENT			
	SOLIDS mg/1		1.7	1.7
	SOLIDS mg/1		20.3	
BOD5			3.0	
AFTER	TREATMENT		3.0	
	SOLIDS mg/l		0.09	0.09
SUSP	SOLIDS mg/1		2.0	7.1
	mg/1		0.4	
2005				1500
TOTAL CAR	PITAL COST (\$)		1.200.000	2,800,000
	M COST (\$)			115,000
	600,2 (17)			(第)下面2000 是
SUSP. SOI	LIDS + BODS			
	RE TREATMENT, LBS.		14,024	14,024
	ED, LBS.		12531.7	
	OVED		89.4	
	* - 55			dsvo
CAPITAL C	COSTS/% REMOVAL (\$)		13,400	45,300
TREATMENT	COST (\$/1000 gals)		10.0	26.3

TOWN	HUDSON	
	AINAGE AREA	ARRA BOARLANG K.
	AINAGE AREA	2000
YEAR		그 아이들이 선생님은 아이들이 많아 나는 아이들이 아니는 아이들이 아이들이 아이들이 아니는 아이들이 아니다.
ACRES		16 Jack Asomes Macre A
	ORM RUNOFF VOL.	0.5
MIL.		
	ORMWATER POLLUTANTS	5 201 201702 1788
SETT	. SOLIDS, LBS.	5 36 301.00
	. SOLIDS, LBS.	8
BOD <sub>5</sub>		
	ER TREATMENT	1 4 2 4 2 3 2 3 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
	r. DESCRIP.	ONT PARTY BURGAN
	ME TREAT., MG	
1	EATED	ALCHOMEN DEATH.
	r REMOVALS	
	. SOLIDS, LBS.	100 100 100 100 100 100 100 100 100 100
	. SOLIDS, LBS.	
	, LBS.	STATE OF THE PROPERTY OF THE P
	TS DISCHARGED	5
	. SOLIDS, LBS.	56
	. SOLIDS, LBS.	8
	, LBS.	
	LUTANT CONCENTRATIONS	
	RE TREATMENT	1.2
	. SOLIDS mg/l	13.4
	. SOLIDS mg/l	1.9
	mg/l R TREATMENT	
		1.2
	. SOLIDS mg/l . SOLIDS mg/l	12 /
	mg/l	1.9
BOD5	mg/1	THE CALL MADE LANGUAGE LA
TOTAL CA	PITAL COST (\$)	
	&M COST (\$)	
ANNUAL O	an Cosi (\$)	
CHED CO	LIDS + BOD5	Review to a very service
BEFO	RE TREATMENT, LBS.	64 Red , Manoria
	VED, LBS.	0.000
	MOVED	
UW.		
CAPITAL	COSTS/% REMOVAL (\$)	
0 -		
TREATMEN	T COST (¢/1000 gals)	

URBAN DRAINAGE AREA	
ACRES 441	
TOTAL STORM RUNOFF VOL.	
MIL. GAL. 11.1	
TOTAL STORMWATER POLLUTANTS	
SETT. SOLIDS, LBS. 76	
SUSP. SOLIDS, LBS. 917	
BOD5 135	
STORMWATER TREATMENT	
TREAT. DESCRIP. NT	SP
VOLUME TREAT., MG	7.6
% TREATED	68.5
POLLUTANT REMOVALS	
	72.2
SETT. SOLIDS, LBS.	825.3
SUSP. SOLIDS, LBS.	114.7
BOD5, LBS.	,2011/06/14/2
POLLUTANTS DISCHARGED 76	3.8
SETT. SULTUS, LDS.	
SUSP. SULIDS, LBS.	20.3
BOD5, LBS.	20.3
AVG. POLLUTANT CONCENTRATIONS	
BEFORE TREATMENT	on twatning
SETT. SOLIDS mg/1 0.8	
SUSP SOLIDS mg/1	9.9
BOD5 mg/1 1.5	1.5
AFTED TREATMENT	
SETT SOLIDS mg/1 0.8	
SUSP SOLIDS mg/1	1.0
BOD5 mg/1 1.5	0.2
1005 mg/1	
TOTAL CAPITAL COST (\$)	260,000
ANNUAL OGM COST (\$)	5,000
ANNUAL OWN COST (\$)	OTAL AREA WAS
SUSP. SOLIDS + BOD5	1052
BEFORE TREATMENT, LBS.	940
REMOVED, LBS.	89.4
% REMOVED	. 884 , QETON.
	2,900
CAPITAL COSTS/% REMOVAL (\$)	
	15.0
TREATMENT COST (¢/1000 gals)	

TOWN MARLBOROUGH			
URBAN DRAINAGE AREA			
	2000		
	3102		
TOTAL STORM RUNOFF VOL.			
MIL. GAL.	02.8		
TOTAL STORMWATER POLLUTANTS			
	2211		
SUSP. SOLIDS, LBS. 2	6388		
	3881		
STORMWATER TREATMENT			
TREAT. DESCRIP.		SMD	
VOLUME TREAT., MG		70.5	
% TREATED	68.6	68.6	
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.		2100.5	
SUSP. SOLIDS, LBS.		17152.2	
BOD5, LBS.	3298.9	1552.4	
POLLUTANTS DISCHARGED		ABBRAR PEREK	
SETT. SOLIDS, LBS.		110.5	
SUSP. SOLIDS, LBS.		9235.8	
BOD5, LBS.	582.1	2328.6	
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT		TALL TALL	
SETT. SOLIDS mg/l	2.6	2.6	
SUSP. SOLIDS mg/l	30.8	30.8 4.5	
BOD5 mg/l	4.5	4.5	
AFTER TREATMENT	0.1	0.1	
SETT. SOLIDS mg/l	2.1	0.1	
SUSP. SOLIDS mg/1		2.7	
BOD5 mg/1	0.7	2.1	
TOTAL CAPITAL COST (\$)	1.525.000	3,450,000	
ANNUAL OSM COST (\$)		165,000	
ANNOAL OWN COST (4)	32,000	103,000	
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.	30269	30269	
REMOVED, LBS.		18704.6	
% REMOVED		61.8	
CAPITAL COSTS/% REMOVAL (\$)	17,100	55,800	ATE SA.
TREATMENT COST (¢/1000 gals)	(elsy 0.9.3	24.0	

TOWN NATICK			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	3199		
TOTAL STORM RUNOFF VOL.	31,3		
MIL. GAL.	108.8		
TOTAL STORMWATER POLLUTANTS	100.0		
	1641		
SETT. SOLIDS, LBS.	19489		
SUSP. SOLIDS, LBS.	2866		
BOD <sub>5</sub>	2800		
STORMWATER TREATMENT			BOARD AND
TREAT. DESCRIP.		SP	SMD
VOLUME TREAT., MG		74.7	74.7
% TREATED		68.7	68.7
POLLUTANT REMOVALS			THE SHEET OF
SETT. SOLIDS, LBS.			1559
SUSP. SOLIDS, LBS.			12667.8
BOD5, LBS.		2436.1	1146.4
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.		82	82
SUSP. SOLIDS, LBS.		1948.9	82 6821.2 1719.6
BOD5, LBS.		429.9	1719.6
AVG. POLLUTANT CONCENTRATION	S		
BEFORE TREATMENT			
SETT. SOLIDS mg/1		1.8	1.8
SUSP. SOLIDS mg/1		21.5	21.5
BODs mg/1		3.2	3.2
AFTER TREATMENT			
SETT. SOLIDS mg/1		0.09	0.09
SUSP. SOLIDS mg/1		2.2	
BOD5 mg/1			1.9
bobs mg/1			
TOTAL CAPITAL COST (\$)		1,600,000	3,500,000
ANNUAL OLM COST (\$)			175,000
ANNUAL COM COST (4)			A TOOL NAC
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.		22355	22355
REMOVED, LBS.			13814.2
REMOVED, LBS.		89.4	61.8
* REMOVED			
CAPITAL COSTS/% REMOVAL (\$)		17,900	56,600
		9.1	23.6
TREATMENT COST (¢/1000 gals)		3030 0011	7) 12043.6

TOWN NORTHBOROUGH			
URBAN DRAINAGE AREA			
YEAR 2	000		
ACRES			
TOTAL STORM RUNOFF VOL.			
	2.4		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.			
SUSP. SOLIDS, LBS.	64		
2023			
STORMWATER TREATMENT		BERTANAT AS	
TREAT. DESCRIP.		taleng t	
VOLUME TREAT., MG			
% TREATED			
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.			
SUSP. SOLIDS, LBS.			
BOD5, LBS.			
POLLUTANTS DISCHARGED		Stance to see	
SETT. SOLIDS, LBS.	3		
SUSP. SOLIDS, LBS.	43:	laction i	
BOD5, LBS.			
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT		MINTABAY SIK	
SETT. SOLIDS mg/l	1.	or soliday	
SUSP. SOLIDS mg/1	21.	t <sub>are</sub> and the	
BOD5 mg/l	3.		
AFTER TREATMENT		unitalist a	
SETT. SOLIDS mg/l	1.0	antiquir ton Li	
SUSP. SOLIDS mg/1	21.	on Religion	
BOD5 mg/l	3.3	2 Lypn :	
TOTAL CAPITAL COST (\$)	(2)		
ANNUAL OEM COST (\$)	-	TRUE LATURE (ST	
SUSP. SOLIDS + BOD5		#004 . + E03 or	
BEFORE TREATMENT, LBS.	499	ogodie baka Dheyalay se	
REMOVED, LBS.	•	Lami .daw	
* REMOVED		CONTRACTOR	
CAPITAL COSTS/% REMOVAL (\$)	N FBY BASIC	COSCIECC REFE	
MDES MYENT COCH (A/10001-)			
TREATMENT COST (¢/1000 gals)	FREED LOS	eron rudo a	SANT AND I

ent Totaled Section

TOWN SHERBORN			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	360		
TOTAL STORM RUNOFF VOL.	300		
MIL. GAL.	10.1		
TOTAL STORMWATER POLLUTANTS	believe		
SETT. SOLIDS, LBS.	82		
SUSP. SOLIDS, LBS.	981		
BOD5	144		
STORMWATER TREATMENT			
TREAT. DESCRIP.		NT	SP
VOLUME TREAT., MG			6.9
% TREATED			68.3
POLLUTANT REMOVALS			00.3
SETT. SOLIDS, LBS.			77.9
SUSP. SOLIDS, LBS.			882.9
BODS, LBS.			122.4
POLLUTANTS DISCHARGED		ALCO SEA	122.4
SETT. SOLIDS, LBS.			4.1
SUSP. SOLIDS, LBS.			98.1
BOD5, LBS.		144	21.6
AVG. POLLUTANT CONCENTRATIONS		Lamitanos y	21.0
BEFORE TREATMENT			
SETT. SOLIDS mg/l		1.0	1.0
SUSP. SOLIDS mg/1			11.6
BOD5 mg/1		1.7	1.7
AFTER TREATMENT		and the second	was a direct and
SETT. SOLIDS mg/1		1.0	0.05
SUSP. SOLIDS mg/1			1.2
BOD5 mg/1			0.3
BODS mg/I			
TOTAL CAPITAL COST (\$)		6.34	275.000
ANNUAL OGM COST (\$)		- (8)	275,000 6,000
AMMORE COM CODE (4)			
SUSP. SOLIDS + BOD5			
BEFORE TREATMENT, LBS.		1125	1125
REMOVED, LBS.			1005.3
& REMOVED		-	89.4
* KEROVED			
CAPITAL COSTS/% REMOVAL (\$)	(8)	NEM FURL	3,100
TREATMENT COST (¢/1000 gals)		0 00 <b>=</b> 1\0	15.2

TOWN	SOUTHBOROUGH			
HERAN DEA	INAGE AREA			
YEAR		2000		
ACRES				
	RM RUNOFF VOL.	2312		
MIL.		83.2		
	RMWATER POLLUTANTS	03.2		
	SOLIDS, LBS.	1554		
CHCD.	SOLIDS, LBS.	18531		
BOD5	Sollibs, Lbs.	2726		
	R TREATMENT			
	. DESCRIP.		SP	SMD
	E TREAT., MG			57.1
% TRE			68.6	
	REMOVALS		00.0	00.0
	SOLIDS, LBS.		1476 3	1476.3
	SOLIDS, LBS.			12045.1
	LBS.		2317.1	1090.4
	S DISCHARGED			
	SOLIDS, LBS.		77.7	77.7
	SOLIDS, LBS.		1853 1	6485.9
BOD5,			408 9	1635.6
	UTANT CONCENTRATIONS		400.5	1033.0
	E TREATMENT			
	SOLIDS mg/1		2.2	2.2
	SOLIDS mg/1		26.7	26.7
BOD5			3.9	3.9
	TREATMENT		3.5	3.3
	SOLIDS mg/1		0.1	0.1
	SOLIDS mg/1		2 7	9.3
BOD5			0.6	2.4
BUD5	mg/1		0.0	<b>以下的表现的</b>
TOTAL CAD	ITAL COST (\$)	1.2	00 000	3,050,000
	M COST (\$)		43.000	135,000
ANNUAL O	ri Cosi (\$)		.5,000	133,000
cuen cor	IDS + BOD5			
	E TREATMENT, LBS.		21257	21257
	ED, LBS.		18995	13135.5
% REM			89.4	61.8
6 REM	OVED			01.0
CAPITAL C	OSTS/% REMOVAL (\$)	19 Y J	13,400	49,400
THE A THENT	COST (¢/1000 gals)		9.8	25.3
INDATERI	cost (+/1000 gals)		TAXAL KAS	4 (04.7.2)

TOWN SUD	BURY		
URBAN DRAINAGI	E AREA		
YEAR		2000	
ACRES		6742	
TOTAL STORM RE	INOFF VOL.		
MIL. GAL.	\$ 15	192.3	
	TER POLLUTANTS		
SETT. SOL		1779	
	IDS, LBS.	21253	
BODs	200, 200.	3125	
STORMWATER TRI	FATMENT	TA CUCTAGE	
TREAT. DES		SP	SMD
VOLUME TRI			131.9
% TREATED			68.6
POLLUTANT REMO			
		1690	1690
SETT. SOL			13814.5
SUSP. SOL		2656.2	1250
BOD5, LBS		2030.2	1230
POLLUTANTS DI		9.0	99
SETT. SOL		2125 2	89 7438.5
SUSP. SOL	IDS, LBS.	460 0	1875
BOD5, LBS		400.0	10/3
	T CONCENTRATIONS		
BEFORE TR			and the
SETT. SOL		11.1	1.1
SUSP. SOL		13.3	
BODs mg/l		1.9	1.9
AFTER TREE			TAKET STA
SETT. SOL			0.06
SUSP. SOL		1.3	
BOD5 mg/l		0.3	1.2
TOTAL CAPITAL	COST (S)	2,550,000	5,000,000
ANNUAL OEM CO		98,000	310,000
AMOND OWN CO.	J. (4)		
SUSP. SOLIDS .	+ BOD5		4 711121
BEFORE TRI	EATMENT, LBS.		24378
REMOVED, 1			15064.5
* REMOVED		89.4	61.8
CAPITAL COSTS	/% REMOVAL (\$)	28,500	80,900
TREATMENT COS	r (¢/1000 gals)	TRIES DONE 8.5	20.8

TOWN	WAYLAND			Maaw
TOWN				
URBAN I	RAINAGE AREA	0080		
YEA		2000		2380
ACF		5830		
	STORM RUNOFF VOL.	81811		
	. GAL.	161.9		
	STORMWATER POLLUTANT			
	TT. SOLIDS, LBS.	1382		
	SP. SOLIDS, LBS.	16532		
BOL		2431		
	TER TREATMENT		919	
	EAT. DESCRIP.		SP	SMD
	LUME TREAT., MG		111.0	
	REATED ,		68.6	68.6
	ANT REMOVALS		AND THE	ALIDA LYGE
	TT. SOLIDS, LBS.		1312.9	
	SP. SOLIDS, LBS.		14878.8	
	o <sub>5</sub> , LBS.		2066.4	972.4
	NTS DISCHARGED		16.1	N. Carlos Carrier
	TT. SOLIDS, LBS.		69.1	
	SP. SOLIDS, LBS.		1653.2	5786.2
BOI	D <sub>5</sub> , LBS.		364.6	1458.6
	LLUTANT CONCENTRATI	ONS		
	FORE TREATMENT		1 on 10	or the sile of
	TT. SOLIDS mg/l		1.0	
	SP. SOLIDS mg/l		12.2	12.2
	05 mg/l		1.8	1.8
	TER TREATMENT		12 000 20	Time stage
	TT. SOLIDS mg/l		0.05	
	SP. SOLIDS mg/1		1.2	4.3
BOI	05 mg/l		0.3	1.8
momat o	CAPITAL COST (\$)		2,200,000	4.500.000
	OEM COST (\$)		82,000	
ANNUAL	Oam COST (\$)		02,000	203,000
SUSP. S	SOLIDS + BODS			
	FORE TREATMENT, LBS.		18963	
	MOVED, LBS.		16945.2	11718.2
	REMOVED		89.4	61.8
CARTMA	L COSTS/% REMOVAL (S	(3)	24,600	72,800
CAPITAL	COSIS/ & REPOVAL (			
TREATMI	ENT COST (¢/1000 gal	(8)	8.7	21.6
***********	COD- (1/ 2000 gus			

TOWN	WESTBOROUGH			
HIDRAN DRA	INAGE AREA			
YEAR	TIMOD ANDA	2000		
ACRES		3324		
	RM RUNOFF VOL.	3324		
MIL.		119.6		
	RMWATER POLLUTANTS	117.0		
	SOLIDS, LBS.	1950		
	SOLIDS, LBS.	23083		
BOD5	4.63	3394		
	R TREATMENT	333.		
	. DESCRIP.		SP	SMD
	E TREAT., MG		81.9	
% TRE			68.5	
POLLUTANT	REMOVALS			S. C. Walter
	SOLIDS, LBS.		1852.5	1852.5
	SOLIDS, LBS.		20774.7	15004
	LBS.		2884.9	1357.6
	S DISCHARGED			
SETT.	SOLIDS, LBS.		97.5	97.5
SUSP.	SOLIDS, LBS.			8079
BOD5,	LBS.		509.1	2036.4
AVG. POLI	UTANT CONCENTRATIONS			
	RE TREATMENT			
SETT.	SOLIDS mg/l		2.0	
SUSP.	SOLIDS mg/l		23.1	
	mg/1		3.4	3.4
	RTREATMENT			40.00
	SOLIDS mg/l			0.1
	SOLIDS mg/l		2.3	8.1
BOD5	mg/1		0.5	2.0
TOTAL CAP	PITAL COST (\$)		1,740,000	3,750,000
	M COST (\$)			195,000
	279433			
SUSP. SOI	LIDS + BOD5			
BEFOR	RE TREATMENT, LBS.			26477
REMO	PED, LBS.			16361.6
% REN	OVED		89.4	61.8
CAPITAL O	COSTS/% REMOVAL (\$)	18	19,500	60,700
TREATMENT	r COST (¢/1000 gals)		9.0	23.2

TOWN WESTON				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	334			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	8.8			
TOTAL STORMWATER POLLUTANTS	THE RESERVE TO A STATE OF THE PARTY OF THE P			
SETT. SOLIDS, LBS.	80			
SUSP. SOLIDS, LBS.	955			
BOD5	141			
STORMWATER TREATMENT				
TREAT. DESCRIP.		NT	SP	
VOLUME TREAT., MG		14.1	6.0	
% TREATED			68.2	
		10 OF N 4	00.2	
POLLUTANT REMOVALS			70	
SETT. SOLIDS, LBS.			76	
SUSP. SOLIDS, LBS.			859.5	
BOD <sub>5</sub> , LBS.			119.8	
POLLUTANTS DISCHARGED		00		
SETT. SOLIDS, LBS.		80	4	
SUSP. SOLIDS, LBS.		55	95.5	
BOD5, LBS.		L41	21.2	
AVG. POLLUTANT CONCENTRATIONS				
BEFORE TREATMENT				
SETT. SOLIDS mg/l		1.1	1.1	
SUSP. SOLIDS mg/l		3.0	13.0	
BOD5 mg/l		1.9	1.9	
AFTER TREATMENT				
SETT. SOLIDS mg/l		1	0.05	
SUSP. SOLIDS mg/1		3.0	1.3	
BOD5 mg/1		9	0.3	
TOTAL CAPITAL COST (\$)		- Teor	240,000	
ANNUAL OEM COST (\$)		401	4,000	
SUSP. SOLIDS + BOD5				, same
BEFORE TREATMENT, LBS.	29 29 11	96	1096	
REMOVED, LBS.		_	979.3	
REMOVED, LBS.		-	89.4	
CAPITAL COSTS/% REMOVAL (\$)		Ins.	2,700	CARPET
TREATMENT COST (¢/1000 gals)		<b>4</b> (%)	15.5	ZAMAT.

TOWN	AVON		
HERAN DI	RAINAGE AREA		
YEA		2000	
ACR		2240	
	TORM RUNOFF VOL.		
		35.7	
	. GAL.	33.7	
	TORMWATER POLLUTANTS	502	
	T. SOLIDS, LBS.	5968	
	P. SOLIDS, LBS.	878	
BOD		070	
	TER TREATMENT		0.00
	AT. DESCRIP.	SP 24.5	SMD
	UME TREAT., MG		24.5
	REATED	68.6	68.6
	NT REMOVALS		O WHEEL TEACH
	T. SOLIDS, LBS.	476.9	476.9
	P. SOLIDS, LBS.	5371.2	3879.2
	5, LBS.	746.3	351.2
	NTS DISCHARGED	<u> </u>	BORSO RYBASU
SET	T. SOLIDS, LBS.	25.1	25.1
SUS	P. SOLIDS, LBS.	596.8	
	5, LBS.	131.7	526.8
AVG. PO	LLUTANT CONCENTRATION	NS CONTRACTOR OF THE CONTRACTO	
BEF	ORE TREATMENT		neares and age
SET	T. SOLIDS mg/1	1.7	1.7
	P. SOLIDS mg/1	20.0	20.0
	5 mg/1	2.9	2.9
	ER TREATMENT	1.00	HEATTH SUFFRE
SET	T. SOLIDS mg/l	0.08	0.08
	P. SOLIDS mg/1	2.0	
	5 mg/1	0.4	1.8
TOTAL C	APITAL COST (\$)	700,000	
	OEM COST (\$)	18,000	60,000
SUSP. S	OLIDS + BOD5		
BEF	ORE TREATMENT, LBS.	6846	6846
	OVED, LBS.	6117.5	4230.4
	EMOVED	89.4	61.8
CAPITAL	COSTS/% REMOVAL (\$)	7,800	32,400
TREATME	NT COST (¢/1000 gals	11.8	33.5

TOWN HOLBROOK			
URBAN DRAINAGE AREA YEAR ACRES	2000 234		
TOTAL STORM RUNOFF VOL. MIL. GAL.	7.9	*40% 230	
TOTAL STORMWATER POLLUTAN'S SETT. SOLIDS, LBS.	TS 102		. LAD .AC Brandfore
SUSP. SOLIDS, LBS. BOD5	1201 177		
STORMWATER TREATMENT TREAT. DESCRIP.	107	NT	SP
VOLUME TREAT., MG		THE A	5.4 68.4
POLLUTANT REMOVALS SETT. SOLIDS, LBS.		_814	96.9
SUSP. SOLIDS, LBS. BOD5, LBS.		- 2862 - 3 5 - 1862 - 3	1,080.9 150.5
POLLUTANTS DISCHARGED SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS.		102 1201	5.1 120.1
BOD5, LBS. AVG. POLLUTANT CONCENTRAT	IONS	177	26.5
BEFORE TREATMENT SETT. SOLIDS mg/l SUSP. SOLIDS mg/l		1.5	1.5
BOD5 mg/1 AFTER TREATMENT		2.7	2.7
SETT. SOLIDS mg/l SUSP. SOLIDS mg/l		1.5 18.2	0.00
BOD5 mg/1		2.7	0.4
TOTAL CAPITAL COST (\$) ANNUAL O&M COST (\$)		(4)_ vai. (8)_	200,000 5,000
SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS		1378	1378
REMOVED, LBS.		89.4	1231.4 89.4
CAPITAL COSTS/% REMOVAL (	s) · · · (a)	SATIONES I	2200
TREATMENT COST (\$/1000 gal	ls) (als	p 0001/3)	16.0

EUT .

TOWN PEMBROKE			
URBAN DRAINAGE AREA			
YEAR	2000		
	244		
ACRES TOTAL STORM RUNOFF VOL.	244		
MIL. GAL.	6.4		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	47		
SUSP. SOLIDS, LBS.	569		
BODs	84		
STORMWATER TREATMENT	•		
TREAT. DESCRIP.		NT	SP
VOLUME TREAT., MG		SE 6M 1.23	4.4
* TREATED			68.8
POLLUTANT REMOVALS		BUAN	00.0
SETT. SOLIDS, LBS.		24.2 LBC	44.7
SUSP. SOLIDS, LBS.		082 . 80	512.1
			71.4
BOD5, LBS. POLLUTANTS DISCHARGED		THE REPORT OF THE PARTY OF	11.4
		47	2.3
SETT. SOLIDS, LBS.		569	56.9
SUSP. SOLIDS, LBS. BOD5, LBS.		84	12.6
AVG. POLLUTANT CONCENTRATION	We then	CONCERTERS	12.0
BEFORE TREATMENT	ONS		
		0.9	0.9
SETT. SOLIDS mg/l SUSP. SOLIDS mg/l		10.7	10.7
		1.6	1.6
BOD5 mg/l AFTER TREATMENT		1289	ASSET PARTY
		0.9	0.04
SETT. SOLIDS mg/1 SUSP. SOLIDS mg/1		10.7	1.1
BOD5 mg/1		1.6	0.2
BOD5 mg/1		1.0	0.2
TOTAL CAPITAL COST (\$)		(B)_T800	200,000
ANNUAL OFM COST (\$)		131 1	5,000
ANNUAL UM COST (\$)			3,000
SUSP. SOLIDS + BODS			
BEFORE TREATMENT, LBS.		653	653
REMOVED, LBS.		38	583.5
REMOVED, LBS.			89.4
* REMOVED			
CAPITAL COSTS/& REMOVAL (\$)	(4)	LAVOMER *	2200
TREATMENT COST (¢/1000 gala	s) - **	(\$/1080 g	16.0

TOWN	ROCKLAND		
HIDDAN DD	AINAGE AREA		
YEAR		2000	
ACRE		40	
	ORM RUNOFF VOI		
	GAL.	0.9	
	ORMWATER POLLU	TANTS	
	. SOLIDS, LBS.		
	. SOLIDS, LBS.	86	
BOD5		13	
STORMWAT	ER TREATMENT		
TREA	T. DESCRIP.		N
VOLU	ME TREAT., MG		₩.
	EATED		•
POLLUTAN	T REMOVALS		
SETT	. SOLIDS, LBS.		4.60
SUSP	. SOLIDS, LBS.		
BOD <sub>5</sub>	, LBS.		
POLLUTAN	TS DISCHARGED		7
SETT	. SOLIDS, LBS.		86
SUSP	. SOLIDS, LBS.		13
BODS	, LBS.	DAMTONE	ENDERER COM OU
	LUTANT CONCENT	RATIONS	
			0.9
SEIT	. SOLIDS mg/l . SOLIDS mg/l		11.5
BODE	mg/1		1.7
	R TREATMENT		
	. SOLIDS mg/l		0.9
	. SOLIDS mg/1		11.5
	mg/1		1.7
	,		
TOTAL CA	PITAL COST (\$)	081	( ) <del>-</del>
ANNUAL O	EM COST (\$)		
SUSP. SO	LIDS + BOD5		
BEFO	RE TREATMENT,	LBS.	99
	VED, LBS.		•
% RE	MOVED		
CAPITAL	COSTS/% REMOVA	AL (\$)	(6) 14/2
TREATMEN	T COST (¢/100	gals)	alep our

TOWN SHARON			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	700		
	0.00		
TOTAL STORM RUNOFF VOL.	20.9		
MIL. GAL.	20.9		
TOTAL STORMWATER POLLUTANTS	220		
SETT. SOLIDS, LBS.	230		
SUSP. SOLIDS, LBS.	2717		
BODS	399		
STORMWATER TREATMENT			
TREAT. DESCRIP.		SP	SMD
VOLUME TREAT., MG		14.3	14.3
% TREATED		68.4	68.4
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.		218.5	218.5
		2445.3	1766
SUSP. SOLIDS, LBS.		339.2	159.6
BOD5, LBS.		339.2	139.0
POLLUTANTS DISCHARGED		THOUGH !	MICRIO MINE
SETT. SOLIDS, LBS.		11.5	11.5
SUSP. SOLIDS, LBS.		271.7	951
BOD5, LBS.		59.8	239.4
AVG. POLLUTANT CONCENTRATION	S		
BEFORE TREATMENT			
SETT. SOLIDS mg/1		1.3	1.3
SUSP. SOLIDS mg/1		15.6	15.6
BOD5 mg/1		2.3	2.3
AFTER TREATMENT			
SETT. SOLIDS mg/1		0.07	0.07
		1.6	5.5
SUSP. SOLIDS mg/1		0.3	1.4
BOD5 mg/1		0.5	T/58 901
		490,000	1,500,000
TOTAL CAPITAL COST (\$)			
ANNUAL OSM COST (\$)		10,000	35,000
SUSP. SOLIDS + BOD5		500	agrica e e
BEFORE TREATMENT, LBS.		3,116	3,116
REMOVED, LBS.		2784.5	1925.6
• REMOVED		89.4	61.8
CAPITAL COSTS/% REMOVAL (\$)		5500	24,300
TREATMENT COST (¢/1000 gals)		13.5	43.0

TOWN	STOUGHTON			
URBAN DI	RAINAGE AREA			
YEA		2000		
ACRI		820		
	TORM RUNOFF VOL.	020		
	. GAL.	30.1		
	TORMWATER POLLUTANTS			
	r. SOLIDS, LBS.	545		
	P. SOLIDS, LBS.	6458		
BOD		949		
	TER TREATMENT	243		
	AT. DESCRIP.		SP	SMD
VOL	UME TREAT., MG		20.7	20.7
	REATED		68.8	68.8
	NT REMOVALS		00.0	00.0
	r. SOLIDS, LBS.		517.8	517.8
	P. SOLIDS, LBS.		5812.2	
	5, LBS.		806.6	4197.7
DOT TURN	NTS DISCHARGED		000.0	3/9.6
POLLUTA	T. SOLIDS, LBS.		27.2	27.2
SEI	P. SOLIDS, LBS.		645.8	
505	5, 10S.		142.4	2260.3 569.4
AUC DO	LLUTANT CONCENTRATIO	MC P	142.4	309.4
	ORE TREATMENT	INS		
	T. SOLIDS mg/1		2.2	2.2
				25.7
	P. SOLIDS mg/1		3.8	3.8
	5 mg/1 ER TREATMENT		3.6	3.8
	T. SOLIDS mg/1		0.1	0.1
	P. SOLIDS mg/1			9.0
	s mg/1		0.6	
BOD	5 mg/1		0.6	2.3
TOTAL C	APITAL COST (\$)		625.000	1,800,000
	OEM COST (\$)			50,000
ANNOAL	Our Cost (4)		13,000	30,000
SUSP. S	OLIDS + BOD5			106 + 25 LES
BEF	ORE TREATMENT, LBS.		7407	7407
DEM	OVED, LBS.			4577.3
	EMOVED		89.4	61.8
CAPITAL	COSTS/% REMOVAL (\$)		7,000	29,100
TREATME	NT COST (¢/1000 gale	1)	12.5	38.0

.

TOWN	WRENTHAM			
URBAN D	RAINAGE AREA			
YEA		2000		
ACR		1055		
The second second	TORM RUNOFF VOL.			
	. GAL.	31.7		
	TORMWATER POLLUTANT			
	T. SOLIDS, LBS.	454		
	P. SOLIDS, LBS.	5412		
		796		
BOD	5 TER TREATMENT	730		
			SP	CVO
	AT. DESCRIP.			SMD
	UME TREAT., MG		21.7	21.7
	REATED		68.4	. 68.4
	NT REMOVALS		401 0	Last Constitution (1994)
	T. SOLIDS, LBS.		431.3	431.3
	P. SOLIDS, LBS.		4870.8	3517.8
	5, LBS.		676.6	318.4
	NTS DISCHARGED		0.000	LOGOPO SICL SOFT A
	T. SOLIDS, LBS.		22.7	22.7
	P. SOLIDS, LBS.		541.2	1894.2
BOD	5, LBS.		119.4	477.6
	LLUTANT CONCENTRAT	CONS		
BEF	ORE TREATMENT			
SET	T. SOLIDS mg/1		1.7	1.7
SUS	P. SOLIDS mg/1		20.5	20.5
BOD	5 mg/1		3.0	3.0
AFT	ER TREATMENT			
SET	T. SOLIDS mg/1		0.09	0.09
	P. SOLIDS mg/1		2.0	7.2
	5 mg/1		0.5	1.8
	APITAL COST (\$)		650,000	
ANNUAL	OLM COST (\$)		16,000	55,000
ellen e	OLIDS + BOD5			
DUDF. D	ORE TREATMENT, LBS		6208	6208
DEF	OVED, LBS.		5547.4	3836.2
	EMOVED		89.4	61.8
	EMOVED			Campin
CAPITAL	COSTS/% REMOVAL (	\$)	7,300	29,900
TREATME	NT COST (¢/1000 ga	Le)	12.1	35.9

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THOU PHENEAGHT

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TOWN	ABINGTON		
URBAN D	RAINAGE AREA		A31
YEA	R	2000	
ACR	ES	95	
	TORM RUNOFF VOL.		Luov a
	. GAL.	2.3	
	TORMWATER POLLUTANTS	phy	
		17	
SUS	P. SOLIDS, LBS.	205	
BOD		30	
	TER TREATMENT	,,,	
	AT. DESCRIP.		NT
	UME TREAT., MG		186
	REATED		
	NT REMOVALS		
	T. SOLIDS, LBS.		Jane -
SUS	P. SOLIDS, LBS.		26
BOD	5, LBS.		
	NTS DISCHARGED		
	T. SOLIDS, LBS.		17
SUS	P. SOLIDS, LBS.		205
BOD	5, LBS.		30
AVG. PO	LLUTANT CONCENTRATIONS	arms a	ALST VILLE STATE OF THE STATE O
	ORE TREATMENT		
	T. SOLIDS mg/1		0.9
	P. SOLIDS mg/1		10.7
BOD	5 mg/1		1.6
AFT	ER TREATMENT		9543
SET	T. SOLIDS mg/l		0.9
sus	P. SOLIDS mg/1		10.7
	5 mg/1		1.6
	APITAL COST (\$)		(8)-18
ANNUAL	O&M COST (\$)		¥ 3)
	OLIDS + BOD5		
	ORE TREATMENT, LBS.		235
REM	OVED, LBS.		-
8 R	EMOVED		
CAPITAL	COSTS/% REMOVAL (\$)	100	iavolin
TDEATHE	NT COST (¢/1000 gals)	10010	Chhoria
- Mars arie	" CODE (T/ LUUU Gale)	THE PARTY OF THE	EL CONTRACTOR SECTION OF THE

TOWN BRAINTREE			
URBAN DRAINAGE AREA			
YEAR	2000		
ACRES	48		
TOTAL STORM RUNOFF VOL.			
MII. GAL.	1.2		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS.	12		
SUSP. SOLIDS, LBS.	141		
BOD <sub>5</sub>	21		
STORMWATER TREATMENT			
TREAT. DESCRIP.		NT	
VOLUME TREAT., MG		N - TATAT SET	
* TREATED		■ GBS Add	
POLLUTANT REMOVALS		anananan in 1911-banasar	
SETT. SOLIDS, LBS. SUSP. SOLIDS, LBS.			
BOD5, LBS.			
POLLUTANTS DISCHARGED		REMINISTER ALA	
SETT. SOLIDS, LBS.		12	
SUSP. SOLIDS, LBS.		141	
BOD5, LBS.		21	
AVG. POLLUTANT CONCENTRATIONS		MINOS THATUS	
BEFORE TREATMENT			
SETT. SOLIDS mg/1		1.2	
SUSP. SOLIDS mg/1		14.1800.000 . 4	
BOD5 mg/l		2.1	
AFTER TREATMENT			
SETT. SOLIDS mg/1		1.2	
SUSP. SOLIDS mg/1		14.1 801.108 . 8	
BOD5 mg/1		2.1	
TOTAL CAPITAL COST (\$)		APITAL COST G	
ANNUAL OLM COST (\$)		(*) TRED MAD	
SUSP. SOLIDS + BOD5 BEFORE TREATMENT, LBS.	.881	162	
REMOVED, LBS.		- 884 CEEVE	
REMOVED, LBS.		- CENTRALIA	
CAPITAL COSTS/% REMOVAL (\$)	(a) day	ORSE ALEROS.	CAPITAL
TREATMENT COST (¢/1000 gals)		WITTH RECE TH	

TOWN HINGHAM				
URBAN DRAINAGE AREA				
YEAR	2000			
ACRES	1549			
TOTAL STORM RUNOFF VOL.	1343			
MIL. GAL.	48.8			
TOTAL STORMWATER POLLUTANTS				
SETT. SOLIDS, LBS.	916			
SUSP. SOLIDS, LBS.	10875			
BODs	1600			
STORMWATER TREATMENT				
TREAT. DESCRIP.		SP	SMD	
VOLUME TREAT., MG		34.4	34.4	
% TREATED		68.7	68.7	
POLLUTANT REMOVALS				
SETT. SOLIDS, LBS.				
SUSP. SOLIDS, LBS.	9	787.5	7068.7	
BODS, LBS.		1360	640	
POLLUTANTS DISCHARGED				
SETT. SOLIDS, LBS.		45.8	45.8	
SUSP. SOLIDS, LBS.	1	087.5	3806.3	
BOD5, LBS.		240	960	
AVG. POLLUTANT CONCENTRATION	IS			
BEFORE TREATMENT				
SETT. SOLIDS mg/l		2.3	2,3	
SUSP. SOLIDS mg/l		26.7	26.7	
BOD5 mg/l		3.9	3.9	
AFTER TREATMENT				
SETT. SOLIDS mg/l		0.1	0.1	
SUSP. SOLIDS mg/1		2.7	9.4	
BOD5 mg/l		0.6	2.4	
TOTAL CAPITAL COST (\$)			2,250,000	
ANNUAL OEM COST (\$)	2	5,000	80,000	THE STREET
				A CONTROL POR PARA
SUSP. SOLIDS + BOD5			ne a curación	gusp.
BEFORE TREATMENT, LBS.		12475	12475	1000
REMOVED, LBS.	11	147.5	7708.7	10
* REMOVED		89.4	61.8	1/1 Ø
CAPITAL COSTS/% REMOVAL (\$)	6.01	9,800	36,400	CAFITA
MDB3 MVBVM COCM /A/10001-1			20.0	
TREATMENT COST (¢/1000 gals)	the fire	11.2	30.8	MTARRET

TOWN	HOLBROOK			
	RAINAGE AREA			
YEAI		2000		
ACRI		64		
	TORM RUNOFF VOL.			
	. GAL.	1.9		
TOTAL ST	TORMWATER POLLUTANTS			
	r. SOLIDS, LBS.	17		
	P. SOLIDS, LBS.	203		
BOD		30		
	TER TREATMENT			
	AT. DESCRIP.		NT	
	JME TREAT., MG		-	
	REATED		The state of the s	
	NT REMOVALS			
SETT	r. SOLIDS, LBS.			
	P. SOLIDS, LBS.		-	
BOD	, LBS.		The part of the	
	NTS DISCHARGED			
	r. SOLIDS, LBS.		17	
	. SOLIDS, LBS.		203	
	, LBS.		30	
	LUTANT CONCENTRATION	S		
	RE TREATMENT			
SETT	. SOLIDS mg/1		1.1	
	. SOLIDS mg/1		3.5	
BOD5	mg/1		2.0	
AFTE	R TREATMENT			
	. SOLIDS mg/1		.1	
SUSP	. SOLIDS mg/1		. 5	
BOD5	mg/1	2	2.0	
	THE RESIDENCE AND AND			
	PITAL COST (\$)			
ANNUAL O	EM COST (\$)			
SUSP. SO	LIDS + BOD5		33	
BEFO	RE TREATMENT, LBS.	2	33	
REMO	VED, LBS.		Named on the Party of the Party	
% RE	MOVED			
CAPITAL	COSTS/% REMOVAL (\$)		DHIR #\BIRC	
			etker teams	
TREATMEN	T COST (¢/1000 gals)			

TOWN ROCKLAND			
URBAN DRAINAGE AREA			
	2000		
T 116747	459		
TOTAL STORM RUNOFF VOL.	The state of the s		
	15.9		
TOTAL STORMWATER POLLUTANTS	THE SOUTH AND LAKE TO		
	191		
2211 232122, 222.	2240		
CODI I COLLED, LDC.	329		
STORMWATER TREATMENT			
TREAT. DESCRIP.	NT	SP	
VOLUME TREAT., MG		10.9	
% TREATED		68.6	
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.		181.5	
SUSP. SOLIDS, LBS.		2016	
BOD5, LBS.	-	279.6	
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.	191	9.5	
SUSP. SOLIDS, LBS.	2240	224	
BOD5, LBS.	329	49.4	
AVG. POLLUTANT CONCENTRATIONS			
BEFORE TREATMENT			
SETT. SOLIDS mg/1	1.4	1.4	
SUSP. SOLIDS mg/1	16.9	16.9	
BODs mg/l	2.5	2.5	
AFTER TREATMENT			
SETT. SOLIDS mg/1	1.4	0.07	
SUSP. SOLIDS mg/1	16.9	1.7	
BOD5 mg/1	2.5	0.4	
TOTAL CAPITAL COST (\$)		375,000	
ANNUAL O&M COST (\$)		9,000	
SUSP. SOLIDS + BOD5	2569	2560	
BEFORE TREATMENT, LBS.	2309	2569 2295.6	
REMOVED, LBS.		89.4	
% REMOVED		07.4	
CARTER COORS (S. PRINCIPLE (A)	(5) 1.15 WAS	4200	
CAPITAL COSTS/% REMOVAL (\$)		1200	
TREATMENT COST (¢/1000 gals)	tales chorve	14.0	
INDATED COST (4/1000 gals)			

TOWN	WEYMOUTH			
URBAN DRAI	NACE ADEA			
YEAR	INAGE AREA	2000		
ACRES		4485		
	RM RUNOFF VOL.	1105		
MIL.		146.8		
		140.0		
	MWATER POLLUTANTS	2071		
	SOLIDS, LBS.	24599		
	SOLIDS, LBS.	3616		
BOD <sub>5</sub>		3010		
	RTREATMENT		SP	SMD
	DESCRIP.			100.6
	TREAT., MG			68.5
% TREA			00.5	00.5
POLLUTANT			1067 5	1002 0
	SOLIDS, LBS.		1967.5	1863.9
	SOLIDS, LBS.		22139.1	15989.4
BOD5,	LBS.		30/3.6	1446.4
	DISCHARGED		100 5	202.1
SETT.	SOLIDS, LBS.		103.5	207.1 8906.6
SUSP.	SOLIDS, LBS.			
BOD5,	LBS.		542.4	2169.6
	JTANT CONCENTRATION	S		
	TREATMENT			SMACO TEASTER
	SOLIDS mg/l		1.7	1.7 20.1
	SOLIDS mg/l		20.1	20.1
BOD5 n			3.0	3.0
	TREATMENT			INST.
	SOLIDS mg/l			0.2
	SOLIDS mg/1			7.0
BOD5 I	ng/l		0.4	1.8
TOTAL CADI	TAL COST (\$)	2	.000,000	4,250,000
ANNUAL OS			75,000	235,000
ANNUAL OF	1 COS1 (\$)			(4)
SUSP. SOL	IDS + BOD5			
BEFORE	TREATMENT, LBS.			28215
REMOVI	ED, LBS.		25212.7	17435.8
* REMO			89.4	61.8
CARTMAT	seme (A DEMOUSE (A)		22,400	68,800
CAPITAL CO	OSTS/% REMOVAL (\$)		IN LEVO	er avenens
			8.8	22.1
TREATMENT	COST (¢/1000 gals)		0.0	

TOWN A	VON			
URBAN DRAIN	AGE AREA	2000		
YEAR		2000		
ACRES		169		
TOTAL STORM		3 2 2 3		
MIL. GAI		5.1		
	WATER POLLUTANTS	5 and		
	OLIDS, LBS.	61		
SUSP. SC	OLIDS, LBS.	725		
BOD <sub>5</sub>		107		
STORMWATER ?				
TREAT. I			NT	SP
VOLUME ?	TREAT., MG		<u>-</u> -	3.5
% TREATI			- a	68.6
POLLUTANT RI	EMOVALS			
SETT. SC	DLIDS, LBS.			58
SUSP. SC	OLIDS, LBS.			652.5
BOD5, LI	BS.		n <del>-</del> n	91
POLLUTANTS I	DISCHARGED			
SETT. SC	DLIDS, LBS.		61	Adjuna 3aaga
	DLIDS, LBS.		725	72.5
BODS, LI	BS.		107	16
AVG. POLLUTA	ANT CONCENTRATIO	ONS		
BEFORE T	FREATMENT			edisos
SETT. SC	OLIDS mg/1		1.4	1.4
SUSP. SC	OLIDS mg/1		17.0	17.0
BODs mg	/1		2.5	2.5
AFTER TI	REATMENT		Tion Tion	
SETT. SC	OLIDS mg/1		1.4	0.07
SUSP. SC	OLIDS mg/1		17.0	1.7
BOD5 mg/			2.5	0.4
0.000,81 000	LOCAL DESCRIPTION		765 58	
TOTAL CAPITA	AL COST (\$)		-121	190,000
ANNUAL OEM C	COST (\$)			4,000
SUSP. SOLIDS	S + BODS		. RES . TOTAL	
BEFORE T	TREATMENT, LBS.		832	832
REMOVED	LBS.		•	743.5
* REMOVE	SD C			89.4
U. L. T. B. L.	26,640 73.		(#) MAVOMIN	S'ATROD JAME
CAPITAL COST	rs/% REMOVAL (\$)			2,100
			clap cours	TROS THANTS
TREATMENT CO	OST (¢/1000 gals	3)		20.4

TOWN	BRAINTREE				•
10,111					
URBAN D	RAINAGE AREA				
YEA	R	2000			
ACR		5177			
TOTAL S	TORM RUNOFF VOL.	169			
MIL	. GAL.	183.2			
TOTAL S'	TORMWATER POLLUTANT	rs			
SET	T. SOLIDS, LBS.	3756			
	P. SOLIDS, LBS.	44609			
BOD	5	6559			
	TER TREATMENT				
TRE	AT. DESCRIP.		SP		
VOL	UME TREAT., MG		125.6		
8 T	REATED		68.6	68.6	68.6
POLLUTA	NT REMOVALS			•	
	T. SOLIDS, LBS.		3568.2	3568.2	3380,4
	P. SOLIDS, LBS.		40148.1	28995.8	20074
	5, LBS.		5575.2	2623.6	1311.8
	NTS DISCHARGED				
	T. SOLIDS, LBS.		187.8	187.8	375.6
	P. SOLIDS, LBS.		4460.9	15613.2	24535
	5, LBS.		983.8	3935.4	5247.2
	LLUTANT CONCENTRATI	CONS		Y SUBMINITED TO	
	ORE TREATMENT	COLID			
	T. SOLIDS mg/1		2.5	2.5	2.5
	P. SOLIDS mg/1		29.2	29.2	29.2
	5 mg/1		4.3		4.3
	ER TREATMENT				THE STATE OF THE S
	T. SOLIDS mg/1		0.1	0.1	0.2
	P. SOLIDS mg/1		2.9	10.2	16.1
	5 mg/1			2.6	3.4
ВОВ	5 mg/1			Ha	(3.5) (3.5) (a.7) (5.5)
TOTAL C	APITAL COST (\$)		2,400,000	4,850,000	18,500,000
	OAM COST (\$)		93,000	290,000	925,000
7	010 VA			23 7200 %4	O J STEERS
SUSP. S	OLIDS + BOD5				
	ORE TREATMENT, LBS.			51168	
REM	OVED, LBS.		45723.3	31619.4	21,385.8
8 R	EMOVED		89.4	61.8	41.8
CADTOAL	COSTS/% REMOVAL (S	.,	26,800	78,500	443,000
CAPTIAL	CODID/ & REPIOVAL (		(E) JAVOM	in avanzon	INTTHAN
-	wm coom (A/1000		8.5	21.0	73.0
TREATME	NT COST (¢/1000 ga)	18)			75.0

TOWN	BROCKTON		
URBAN DE	RAINAGE AREA		
YEAR	[일반][[[[[ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [	2000	
ACRE	[18] [18] [18] [18] [18] [18] [18] [18]	44	
	FORM RUNOFF VOL.		
	GAL.	1.0	
	CORMWATER POLLUTAN		
SEIT	P. SOLIDS, LBS.	110	
BOD	. SULTUS, LBS.	17	
COODMAN	TER TREATMENT	N 1 1	
TREA	T. DESCRIP.		NT
	JME TREAT., MG		300
	REATED		
	T REMOVALS		
	. SOLIDS, LBS.		. 963
	SOLIDS, LBS.		100.1
BODS	, LBS.		
	TS DISCHARGED		tren a
SETT	S. SOLIDS, LBS.		10
SUSP	. SOLIDS, LBS.		119
	, LBS.		17
	LUTANT CONCENTRAT	CIONS	
	RE TREATMENT		_727
	. SOLIDS mg/l		1.2
	. SOLIDS mg/1		14.3
BOD5	mg/1		2.0
	R TREATMENT		
	. SOLIDS mg/1		1.2
	. SOLIDS mg/1		14.3
BOD5	mg/1 0.5		2.0
MOMAT CA	PITAL COST (\$)		
	SEM COST (\$)		( # <u>F</u> 3
ANNUAL C	AM COST (\$)		
SUSP. SO	LIDS + BOD5		
BEFO	RE TREATMENT, LBS		136
	VED, LBS.		project (1)
& RE	MOVED		
CAPITAL	COSTS/% REMOVAL (	\$)	JAVOME
	m coom (4/2000		-
TREATMEN	T COST (¢/1000 ga	(els	4 600TV

TOWN

TOWN	CANTON	
URBAN D	RAINAGE AREA	
YEA		2000
ACR		108
	TORM RUNOFF VOL.	Latov W
	. GAL.	2.8
	TORMWATER POLLUTANTS	TO LUCE PARTY AT SECTION
	T. SOLIDS, LBS.	01.39
	P. SOLIDS, LBS.	467
		69
BOD	5 TER TREATMENT	greates
	AT. DESCRIP.	NT
	UME TREAT., MG	
	REATED	
	NT REMOVALS	
	T. SOLIDS, LBS.	
	P. SOLIDS, LBS.	
BOD	5, LBS.	
POLLUTA	NTS DISCHARGED	39
SET	T. SOLIDS, LBS.	467
SUS	P. SOLIDS, LBS.	69
	5, LBS.	
	LLUTANT CONCENTRATION	ONS
	ORE TREATMENT	
	T. SOLIDS mg/l	1.7
	P. SOLIDS mg/1	20.0
	5 mg/l	3.0
	ER TREATMENT	
SET	T. SOLIDS mg/1	1.7
	P. SOLIDS mg/1	200
BOD	5 mg/1	3.0
	APITAL COST (\$)	
ANNUAL	OEM COST (\$)	
SIISD S	OLIDS + BOD5	
DEF	ORE TREATMENT, LBS.	536
DEM	OVED, LBS.	
A D	EMOVED.	
	EROVED	
CAPITAL	COSTS/% REMOVAL (\$	) (0) devenus
TREATME	NT COST (¢/1000 gal	e) (aleg do-ika

TOWN HOLBROOK			
URBAN DRAINAGE AREA			
YEAR 200:			
ACRES 1723			
TOTAL STORM RUNOFF VOL.			
MIL. GAL. 60.9	2011		
TOTAL STORMWATER POLLUTANTS			
SETT. SOLIDS, LBS. 947	The Mark Control of		
SUSP. SOLIDS, LBS. 11230			
BODs 1651			
STORMWATER TREATMENT			
TREAT. DESCRIP.	SP	SMD	
VOLUME TREAT., MG	41.7	41.7	
* TREATED	68.5	68.5	
POLLUTANT REMOVALS			
SETT. SOLIDS, LBS.	899.6	899.6	
SUSP. SOLIDS, LBS.	10107	7299.5	
BOD5, LBS.	1403.4	660.4	
POLLUTANTS DISCHARGED			
SETT. SOLIDS, LBS.	47.4	47.4	
SUSP. SOLIDS, LBS.	1123	3930.5	
BOD5, LBS.	247.6		
AVG. POLLUTANT CONCENTRATIONS		A STATE OF THE STA	
BEFORE TREATMENT			
SETT. SOLIDS mg/l	1.9	1.9	
SUSP. SOLIDS mg/1	22.1	22.1	
BODs mg/l	3.3	3.3	
AFTER TREATMENT			
SETT. SOLIDS mg/l	0.09	0.09	
SUSP. SOLIDS mg/1	2.2	7.7	
BOD5 mg/l	0.5	2.0	
TOTAL CAPITAL COST (\$)	1,040,000	2,525,000	
ANNUAL OEM COST (\$)	31,000	100,000	
SUSP. SOLIDS + BOD5		to a personal	
BEFORE TREATMENT, LBS.	12881	12881	
REMOVED, LBS.	11510:4		
● REMOVED	89.4	61.8	
CAPITAL COSTS/% REMOVAL (\$)	11,600	40,900	
TREATMENT COST (¢/1000 gale)	10.3	27.5	

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TARRON SERVICE TO DECIS TWENTERS TO

## STORMWATER MANAGEMENT SUMMARY WEYMOUTH FORE RIVER BASIN

TOWN	MILTON		
URBAN DR	AINAGE AREA		
YEAR		2000	
ACRE		112	
TOTAL ST	ORM RUNOFF VOL.		
	GAL.	3.0	
	ORMWATER POLLUTANTS		
	. SOLIDS, LBS.	57	
SUSP	. SOLIDS, LBS.	678	
BODS		100	
	ER TREATMENT		
TREAT	T. DESCRIP.		NT
	ME TREAT., MG		
	EATED		-
	T REMOVALS		
SETT	. SOLIDS, LBS.		- CE.
SUSP	. SOLIDS, LBS.		
	, LBS.		-
	TS DISCHARGED		
SETT	. SOLIDS, LBS.		57
SUSP	. SOLIDS, LBS.		678
	LBS.		100
	LUTANT CONCENTRATIO	NS	
BEFOI	RE TREATMENT		
SETT	. SOLIDS mg/1		2.3
SUSP	. SOLIDS mg/1		27.1
BOD5	mg/1		4.0
	RTREATMENT		
	. SOLIDS mg/1		2.3
SUSP.	SOLIDS mg/1		27.1
BOD5	mg/1		4.0
TOTAL CAP	PITAL COST (\$)		187 B
	M COST (\$)		
SUSP. SOI	LIDS + BODS		
BEFOR	RE TREATMENT, LBS.		778
	MED, LBS.		•
• REN	OVED		
CAPITAL C	COSTS/% REMOVAL (\$)	(\$)	ANDE

TREATMENT COST (¢/1000 gals)

TOWN QUINCY			radorar bi	
URBAN DRAINAGE AREA				
YEAR	2000			
	2920			
ACRES	2920			
TOTAL STORM RUNOFF VOL.				
MIL. GAL.	113.8		To a company of the p	
TOTAL STORMWATER POLLUTANTS	EST			
SETT. SOLIDS, LBS.	2168			
SUSP. SOLIDS, LBS.	25600			
BODs	3763			
STORMWATER TREATMENT				
TREAT. DESCRIP.		SP	SMD	MD
VOLUME TREAT., MG		78.0	78.0	78.0
* TREATED		68.5	68.5	68.5
POLLUTANT REMOVALS		00.5	MARGAMET ANA	TURING
		2059.6	2059.6	1951.2
SETT. SOLIDS, LBS.		23040	16640	11520
SUSP. SOLIDS, LBS.		3198.5		CA INC.
BOD <sub>5</sub> , LBS.		3198.5	1505.2	752.6
POLLUTANTS DISCHARGED		2.5	San Fire San House	
SETT. SOLIDS, LBS.		108.4	108.4	
SUSP. SOLIDS, LBS.		2560		14080
BOD5, LBS.		564.5	2257.8	3010.4
AVG. POLLUTANT CONCENTRATION	NS			
BEFORE TREATMENT				
SETT. SOLIDS mg/1		2.3	2.3	2.3
SUSP. SOLIDS mg/1		27.0	27.0	27.0
BODs mg/1		4.0	4.0	4.0
AFTER TREATMENT				
SETT. SOLIDS mg/1		0.1	0.1	0.2
SUSP. SOLIDS mg/1		2.7	9.4	14.8
BOD5 mg/1		0.6	2.4	3.2
BODS MIG/ I				
TOTAL CAPITAL COST (\$)		1,650,000	3,625,0001	1.500.000
ANNUAL OGM COST (\$)		58,000		575,000
ANNUAL CEM COST (4)			200,000	3,3,000
SUSP. SOLIDS + BOD5				
BEFORE TREATMENT, LBS.		29363	29363	29363
		26238.5	18145.2	12272.6
REMOVED, LBS.		89.4	61.8	41.8
* REMOVED		07.4	01.0	41.0
CAPITAL COSTS/% REMOVAL (\$)		18,500	58,700	275,000
		THE SHAPE	and the same of the same	
TREATMENT COST (¢/1000 gals	)	9.1	23.5	73.9

TOWN	RANDOLPH			
	INAGE AREA	^^		
YEAR	20	00		
ACRES		45		
	RM RUNOFF VOL.			
MIL.		.1		
TOTAL STO	RMWATER POLLUTANTS			
SETT.	SOLIDS, LBS. 17.	11		
SUSP.	SOLIDS, LBS. 203	85		
BOD5	29	97		
	R TREATMENT			
	. DESCRIP.	SP	SMD	
	E TREAT., MG	83.0		
			68.5	
% TRE		00.5	00.3	
POLLUTANT		1605 5	1000 0	
SETT.	SOLIDS, LBS.		1625.5	
SUSP.	SOLIDS, LBS.		13250.2	
BOD5,	LBS.	2547.5	1198.8	
	S DISCHARGED			
SETT.	SOLIDS, LBS.	85.5	85.5	
SUSP.	SOLIDS, LBS.	2038.5	7134.8	
BODS,		449.5	1798.2	
AVG. POLL	UTANT CONCENTRATIONS			
	E TREATMENT			
	SOLIDS mg/1	1.7	1.7	
Stich	SOLIDS mg/1	20.2		
BOD5		3.0		
	TREATMENT			
		0.08	0.08	
	SOLIDS mg/l	2.0		
	SOLIDS mg/1		1.8	
BOD5 1	ng/1	V.4	1.8	
		1 745 000	WARRE SHO	
TOTAL CAP	ITAL COST (\$)	1,745,000	3,750,000	
ANNUAL OF	COST (\$)	62,000	193,000	
	IDS + BOD5			
BEFOR	TREATMENT, LBS.	23382	23382	
REMOVI	ED, LBS.	20894	14449	
REM	OVED	89.4	61.8	
			CHUCKER !	
CAPITAL CO	OSTS/& REMOVAL (\$)	19,500	60,700	
		AND THE CASE	12 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
TREATMENT	COST (¢/1000 gals)	9.0	23.2	

TOWN STOUGHTON	ETHERVIE - PROT
URBAN DRAINAGE AREA	
YEAR 200	ASSA A DESERVE ASSESSMENT
ACRES 8	프랑스(1987) 아니아, 아이지는 사이스, 아스는 아이아 아마지를 하는 것을 하는데 아이아 아이아 아이아 아이아 아이아 아이아 아니아 아니아 아이아 아이아
TOTAL STORM RUNOFF VOL.	JON NOOMS NEEDS JONES
MIL. GAL.	
TOTAL STORMWATER POLLUTANTS	EPMEGJ.109. WET ASWEDEN TO THE
SETT. SOLIDS, LBS. 2	
SUSP. SOLIDS, LBS. 29	
BOD5 4	: [1] [1] [1] [1] [1] [1] [2] [1] [2] [2] [3] [3] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4
STORMWATER TREATMENT	THE STATE OF THE STATE OF
TREAT. DESCRIP.	NT RIGORD SALES
VOLUME TREAT., MG	THE TAILED THE TOP
* TREATED	
POLLUTANT REMOVALS	
SETT. SOLIDS, LBS.	Total Teas are a resident
SUSP. SOLIDS, LBS.	
BODs, LBS.	
POLLUTANTS DISCHARGED	
SETT. SOLIDS, LBS.	24
SUSP. SOLIDS, LBS.	290
BOD5, LBS.	43
AVG. POLLUTANT CONCENTRATIONS	NAMES TARTIST OF THE PROPERTY OF
BEFORE TREATMENT	
SETT. SOLIDS mg/l	1.8 537 100
SUSP. SOLIDS mg/1	21.7
BODs mg/l	3.2
AFTER TREATMENT	e Palicitation Tarres
SETT. SOLIDS mg/l	1.8
SUSP. SOLIDS mg/1	21.7
BOD5 mg/l	3.2
TOTAL CAPITAL COST (\$)	Wil web adergan haver
ANNUAL OEM COST (\$)	ter tach mad daring
SUSP. SOLIDS + BOD5	eres saling a Woos Com
BEFORE TREATMENT, LBS.	BA 333 MENTAGE PARTIES
REMOVED, LBS.	TREAT THE CHANGE
REMOVED 4.08	de la companya del companya de la companya del companya de la comp
CAPITAL COSTS/% REMOVAL (\$)	CONTRACTOR PLANTS (STORY
TREATMENT COST (¢/1000 gals)	Halag 00001 to 1000 Tenningary

TOWN	WEYMOUTH				
URBAN DE	RAINAGE AREA				
YEAR		2000			
ACRI		1489			
	TORM RUNOFF VOL.				
		49.8			
MIL	GAL.				
	TORMWATER POLLUTANT	TS 754			
	r. SOLIDS, LBS.	754			
SUSI	P. SOLIDS, LBS.	8989			
BOD		1322			
STORMWA	TER TREATMENT		SP	SMD	
TRE	AT. DESCRIP.				
	UME TREAT., MG		34.1	34.1	
	REATED		68.5	68.5	
	NT REMOVALS			STATE THE	
	r. SOLIDS, LBS.		716.3	716.3	
			8090 1	716.3 5842.8	
SUS	P. SOLIDS, LBS.		1123.7	520 0	
BOD	5, LBS.		1123.7	320.0	
	NTS DISCHARGED		27 7	27 7	
	T. SOLIDS, LBS.			37.7	
SUS	P. SOLIDS, LBS.			3146.2	
BOD	s, LBS.		198.3	793.4	
AVG. PO	LLUTANT CONCENTRAT:	IONS			
	ORE TREATMENT				
	T. SOLIDS mg/l			1.8	
	P. SOLIDS mg/1		21.6	21.6	
	5 mg/1		3.2	3.2	
A PM	ER TREATMENT				
	T. SOLIDS mg/1		0.09	0.09	
				7.6	
SUS	P. SOLIDS mg/1		0.5	1.9	
BOD	5 mg/l				
			875,000 2	250 000	
	APITAL COST (\$)				
ANNUAL	OEM COST (\$)		25,000	80,000	
SUSP. S	OLIDS + BOD5		100	n + morton	
BEF	ORE TREATMENT, LBS		10311		
	OVED, LBS.		9213.8	6371.6	
	EMOVED		89.4	61.8	
	EMOVED				
CAPITAL	COSTS/% REMOVAL (	\$)	9,800 8	36,900	
TREATME	NT COST (\$/1000 ga	18)	elso 11.2\0	30.8	